AnyBlok / Mixin Documentation

Release 0.22.5

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CHAPTER 1

Front Matter

Information about the AnyBlok project.

1.1 Installation

Install released versions of AnyBlok from the Python package index with pip or a similar tool:

```
pip install anyblok_mixins
```

Installation via source distribution is via the setup.py script:

python setup.py install

1.2 Running Tests

To run framework tests with nose:

1.3 Contributing (hackers needed!)

Anyblok is at a very early stage, feel free to fork, talk with core dev, and spread the word!

1.4 Author

Jean-Sébastien Suzanne

1.5 Contributors

- Jean-Sébastien Suzanne
- Pierre Verkest
- Hugo Quezada

CHAPTER 2

Builtin Bloks

Covered Bloks

- Blok anyblok-mixins
- Blok anyblok-workflow

2.1 Blok anyblok-mixins

```
class anyblok_mixins.mixins.AnyBlokMixins (registry)
    Bases: anyblok.blok.Blok
    name = 'anyblok-mixins'
    version = '1.0.2'
    author = 'Suzanne Jean-Sébastien'
    autoinstall = False
    priority = 100
```

2.1.1 Mixins

Basic mixins

```
class anyblok_mixins.mixins.readonly.ForbidUpdate
    Bases: object
```

AnyBlok registration:

• Type: Mixin

• Registry name: Mixin.ForbidUpdate

class anyblok_mixins.mixins.readonly.ForbidDelete

Bases: object

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.ForbidDelete

class anyblok_mixins.mixins.readonly.ReadOnly

Bases: anyblok.mixin.ForbidUpdate, anyblok.mixin.ForbidDelete

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.ReadOnly
- Inherited Models or Mixins:
 - anyblok.mixin.ForbidUpdate
 - anyblok.mixin.ForbidDelete

class anyblok_mixins.mixins.readonly.ConditionalForbidUpdate

Bases: object

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.ConditionalForbidUpdate

class anyblok_mixins.mixins.readonly.ConditionalForbidDelete

Bases: object

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.ConditionalForbidDelete

class anyblok_mixins.mixins.readonly.ConditionalReadOnly

anyblok.mixin.ConditionalForbidUpdate,

ConditionalForbidDelete

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.ConditionalReadOnly
- Inherited Models or Mixins:
 - anyblok.mixin.ConditionalForbidUpdate
 - anyblok.mixin.ConditionalForbidDelete

class anyblok_mixins.mixins.readonly.BooleanForbidUpdate

Bases: anyblok.mixin.ConditionalForbidUpdate

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.BooleanForbidUpdate
- Inherited Models or Mixins:

anyblok.mixin.

- anyblok.mixin.ConditionalForbidUpdate

Fields	
forbid_update	• Tune anublek gelumn Beelean
	Type-anyblok.column.Booleandefault-False

class anyblok_mixins.mixins.readonly.BooleanForbidDelete

Bases: anyblok.mixin.ConditionalForbidDelete

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.BooleanForbidDelete
- Inherited Models or Mixins:
 - anyblok.mixin.ConditionalForbidDelete

Fields	
forbid_delete	
	• Type-anyblok.column.Boolean
	• default-False

class anyblok_mixins.mixins.readonly.BooleanReadOnly

 $Bases: \\ \text{anyblok.mixin.ConditionalForbidUpdate,} \\ \text{anyblok.mixin.} \\ \text{ConditionalForbidDelete}$

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.BooleanReadOnly
- Inherited Models or Mixins:
 - anyblok.mixin.ConditionalForbidUpdate
 - anyblok.mixin.ConditionalForbidDelete

Fields	
readonly	• Type - anyblok.column.Boolean • default - False

class anyblok_mixins.mixins.readonly.StateReadOnly

 $Bases: \qquad \text{anyblok.mixin.} Conditional Forbid Update, \qquad \text{anyblok.mixin.} \\ Conditional Forbid Delete$

AnyBlok registration:

• Type: Mixin

• Registry name: Mixin.StateReadOnly

• Inherited Models or Mixins:

- anyblok.mixin.ConditionalForbidUpdate
- anyblok.mixin.ConditionalForbidDelete

Fields	
state	
	• Type-anyblok.column.Selection
	• nullable-False
	default - 'get_default_state'
	• selections - 'get_states'
	• size - 64

2.1.2 Exceptions

 $\textbf{exception} \ \texttt{anyblok_mixins.mixins.exceptions.} \textbf{ForbidUpdateException}$

Bases: Exception

Simple exception for Mixin.ForbiddenUpdate

 $\textbf{exception} \ \texttt{anyblok_mixins.mixins.exceptions.} \textbf{ForbidDeleteException}$

Bases: Exception

Simple exception for Mixin.ForbiddenDelete

2.2 Blok anyblok-workflow

```
class anyblok_mixins.workflow.AnyBlokWorkFlow(registry)
    Bases: anyblok.blok.Blok
    name = 'anyblok-workflow'
    version = '1.0.2'
    author = 'Suzanne Jean-Sébastien'
```

2.2.1 Mixins

class anyblok_mixins.workflow.workflow.WorkFlow
 Bases: anyblok.mixin.StateReadOnly

AnyBlok registration:

• Type: Mixin

· Registry name: Mixin.WorkFlow

• Inherited Models or Mixins:

- anyblok.mixin.StateReadOnly

2.2.2 Exceptions

 $\textbf{exception} \ \texttt{anyblok_mixins.workflow.exceptions.} \textbf{WorkFlowException}$

Bases: Exception

Simple exception for Mixin.ForbiddenDelete

CHAPTER 3

CHANGELOG

3.1 1.0.2 (2020-10-16)

- Refactored unit test to use pytest
- Updated documentation and README

3.2 1.0.1 (2020-10-16)

• Fixed get_state, where the capitalier is a function and is now executed

3.3 1.0.0 (2018-05-29)

- Cherry pick mixins from anyblok-core
- Add SchemaValidator method
- · Add basic mixins

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