
AnyBlok /Mixin Documentation

Release 0.19.0

Jean-Sebastien SUZANNE

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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`:

```
pip install nose
nosetests anyblok_mixins/tests
```

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

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 = '1.0.0'
    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**

Bases: anyblok.mixin.ConditionalForbidUpdate, anyblok.mixin.
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.ConditionalForbidUpdate

Fields	
forbid_update	<ul style="list-style-type: none"> • default - False • Type - anyblok.column.Boolean

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	<ul style="list-style-type: none"> • default - False • Type - anyblok.column.Boolean

class anyblok_mixins.mixins.readonly.**BooleanReadOnly**

Bases: anyblok.mixin.ConditionalForbidUpdate, anyblok.mixin.ConditionalForbidDelete

AnyBlok registration:

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

Fields	
readonly	<ul style="list-style-type: none"> • default - False • Type - anyblok.column.Boolean

class anyblok_mixins.mixins.readonly.**StateReadOnly**

Bases: anyblok.mixin.ConditionalForbidUpdate, anyblok.mixin.ConditionalForbidDelete

AnyBlok registration:

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

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

Fields	
state	<ul style="list-style-type: none">• <code>selections</code> - 'get_states'• <code>default</code> - 'get_default_state'• <code>size</code> - 64• <code>nullable</code> - False• <code>Type</code> - <code>anyblok.column.Selection</code>

2.1.2 Exceptions

exception `anyblok_mixins.mixins.exceptions.ForbidUpdateException`

Bases: `Exception`

Simple exception for `Mixin.ForbiddenUpdate`

exception `anyblok_mixins.mixins.exceptions.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 = '1.0.0'

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

exception anyblok_mixins.workflow.exceptions.**WorkFlowException**

Bases: Exception

Simple exception for Mixin.ForbiddenDelete

CHAPTER 3

CHANGELOG

3.1 1.0.0 (2018-05-29)

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

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CHAPTER 5

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