
AnyBlok / JsonSchema Documentation

Release 0.1.0

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AnyBlok is a Python framework allowing to create highly dynamic and modular applications on top of the SQLAlchemy ORM. Applications are made of “bloks” that can be installed, extended, replaced, upgraded or uninstalled.

Bloks can provide SQL Models, Column types, Fields, Mixins, SQL views, or even plain Python code unrelated to the database, and all of these can be dynamically customized, modified, or extended without strong dependencies between them, just by adding new bloks.

Bloks are declared (made available) through dedicated setuptools entry points, and are explicitly *installed* in the database, which provides the needed dynamicity for multi-tenant scenarios: a given AnyBlok process can connect to several databases, and execute different sets of code on each of them, according to their installed bloks. Installing bloks could, e.g., be done through some HTTP interface (not provided by AnyBlok itself).

That being said, Anyblok’s scope of usage is by no means limited to multi-tenant applications. The flexibility and extendability it provides can be enjoyed even when working on a single database.

AnyBlok is released under the terms of the *Mozilla Public License version 2*.

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Information about the AnyBlok / JsonSchema project.

1.1 Project Homepage

AnyBlok / JsonSchema is hosted on [github](https://github.com) - the main project page is at http://github.com/AnyBlok/anyblok_jsonschema. Source code is tracked here using [GIT](#).

Releases and project status are available on Pypi at http://pypi.python.org/pypi/anyblok_jsonschema.

The most recent published version of this documentation should be at http://doc.anyblok_jsonschema.anyblok.org.

1.2 Installation

Install released versions of AnyBlok from the Python package index with [pip](#) or a similar tool:

```
pip install anyblok_jsonschema
```

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

```
python setup.py install
```

Installation will add the `anyblok` commands to the environment.

Note: AnyBlok use Python version ≥ 3.3

1.3 Running Tests

See also:

the section about testing of AnyBlok applications.

To run framework tests with `nose`:

```
pip install nose
nosetests anyblok_jsonschema/tests
```

AnyBlok is tested continuously using [Travis CI](#)

1.4 Contributing (hackers needed!)

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

1.5 Author

Jean-Sébastien Suzanne

1.6 Contributors

[Anybox](#) team:

- Jean-Sébastien Suzanne

other:

- Franck Bret

1.7 Bugs

Bugs and feature enhancements to AnyBlok should be reported on the [Issue tracker](#).

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- [MEMENTO](#)

CHAPTER 2

MEMENTO

CHAPTER 3

CHANGELOG

3.1 0.1.0

4.1 1. Definitions

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CHAPTER 5

Indices and tables

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- `modindex`
- `search`