# **AnyBlok / Pyramid Documentation**

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# **Front Matter**

Information about the AnyBlok / Pyramid project.

# 1.1 Project Homepage

AnyBlok is hosted on Bitbucket - the main project page is at https://bitbucket.org/jssuzanne/anyblok\_pyramid. Source code is tracked here using Mercurial.

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

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

# 1.2 Project Status

AnyBlok with Pyramid is currently in beta status and is expected to be fairly stable. Users should take care to report bugs and missing features on an as-needed basis. It should be expected that the development version may be required for proper implementation of recently repaired issues in between releases; the latest master is always available at http://bitbucket.org/jssuzanne/anyblok\_pyramid/get/default.tar.gz.

# 1.3 Installation

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

```
pip install anyblok_pyramid
```

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

```
python setup.py install
```

Installation will add the anyblok commands to the environment.

# 1.4 Unit Test

Run the test with nose:

```
pip install nose
nosetests anyblok_pyramid/tests
```

# 1.5 Dependencies

AnyBlok works with **Python 3.2** and later. The install process will ensure that AnyBlok, Pyramid are installed, in addition to other dependencies. The latest version of them is strongly recommended.

# 1.6 Contributing (hackers needed!)

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

# 1.7 Author

Jean-Sébastien Suzanne

# 1.8 Contributors

Anybox team:

- Georges Racinet
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- · Florent Jouatte
- · Simon André
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- Pierre Verkest
- · Franck Bret

# 1.9 Bugs

Bugs and feature enhancements to AnyBlok should be reported on the Issue tracker.

### Contents

- MEMENTO
  - Pyramid route and view which does not depend of the bloks
  - Pyramid controller which depend of the installation of the bloks
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# **MEMENTO**

Anyblok / Pyramid mainly depends on:

- Python 3.2+
- · AnyBlok
- Pyramid

If the scrip anyblok\_wsgi is used to start the WSGI application, the you can not declare route and view. Any-Blok / Pyramid define two familly of controller:

- Controller which no depend of blok
- Controller which depend of the installation or not of bloks

# 2.1 Pyramid route and view which does not depend of the bloks

The goal is to declare in your application code source the route and the view:

```
from anyblok import Declarations
Pyramid = Declarations.Pyramid
```

Declare a view:

```
@Pyramid.add_view('route name')
def myview(request):
    ...
```

Note: The decorator add\_view is just a wrapper of add\_view

the args already filled by the wraper are:

- view: is the decorated function
- name: is the route name

Declare a route:

```
Pyramid.add_route('route name', '/my/path')
```

Note: The function add\_route is just a wrapper of add\_route

The args already filled by the wraper are:

• name: is the route name

· pattern: is the path

**Warning:** It 's important to use the add\_route of Pyramid, because when the view are add in configuration, this view check is the **route name** exist in the routes.

# 2.2 Pyramid controller which depend of the installation of the bloks

Theses controllers must be declared in the bloks

The declaration of theses controllers is as the declaration of AnyBlok Model

They are three controllers which can be declared in the bloks:

- PyramidHTTP
- · PyramidJsonRPC
- · PyramidXmlRPC

The controller can be inherited by Mixin

· PyramidMixin

The controller inherit also Core and have some feature as:

- Cache
- Properties

# 2.2.1 HTTP controller

Get the Type of controller:

```
from anyblok import Declarations
PyramidHTTP = Declarations.PyramidHTTP
register = Declarations.register
```

Declare a view:

```
@register(PyramidHTTP)
class MyController:

    @PyramidHTTP.view()
    def myview(request):
        # route name == myview
        ...

    @PyramidHTTP.view('myroute')
    def myotherview(request):
        # route name == myroute
        ...
```

Note: The decorator view is just a wrapper of add\_view

the args already filled by the wraper are:

- · view: is the decorated function
- name: the default value is the name of the method or the first args

Declare a route:

```
PyramidHTTP.add_route('route name', '/my/path')
```

**Note:** The function add\_route is just a wrapper of add\_route

The args already filled by the wraper are:

- name: is the route name
- pattern: is the path

**Warning:** It 's important to use the add\_route of PyramidHTTP, because when the view are add in configuration, this view check is the **route name** exist in the routes.

### 2.2.2 JSON-RPC controller

Get the Type of controller:

```
from anyblok import Declarations
PyramidJsonRPC = Declarations.PyramidJsonRPC
register = Declarations.register
```

Declare a rpc method:

**Note:** The decorator rpc\_method is just a wrapper of add\_jsonrpc\_method

the args already filled by the wraper are:

- · view: is the decorated method
- endpoint: the default value is the name of the method or the first args

Declare a route:

```
PyramidJsonRPC.add_route(PyramidJsonRPC.MyController, '/my/path')
```

**Note:** The function add\_route is just a wrapper of add\_jsonrpc\_endpoint

The args already filled by the wraper are:

• name: is the route name

· pattern: is the path

**Warning:** It 's important to use the add\_route of PyramidJsonRPC, because when the view are add in configuration, this view check is the **rpc method** exist in the routes.

### 2.2.3 XML-RPC controller

Get the Type of controller:

```
from anyblok import Declarations
PyramidXmlRPC = Declarations.PyramidXmlRPC
register = Declarations.register
```

Declare a rpc method:

**Note:** The decorator rpc\_method is just a wrapper of add\_xmlrpc\_method

the args already filled by the wraper are:

- · view: is the decorated method
- endpoint: the default value is the name of the method or the first args

Declare a route:

```
PyramidXmlRPC.add_route(PyramidXmlRPC.MyController, '/my/path')
```

Note: The function add\_route is just a wrapper of add\_xmlrpc\_endpoint

The args already filled by the wraper are:

• name: is the route name

• pattern: is the path

**Warning:** It 's important to use the add\_route of PyramidXmlRPC, because when the view are add in configuration, this view check is the **rpc method** exist in the routes.

# 2.2.4 Pyramid Mixin

Mixin is used to define behaviours on the controllers.

Declare a Mixin:

```
from anyblok import Declarations
register = Declarations.register
PyramidMixin = Declarations.PyramidMixin

@register(PyramidMixin)
class MyMixin:
...
```

Inherit a Mixin by a controller:

```
@register(PyramidHTTP)
class MyController(PyramidMixin.MyMixin):
    ...
```

Inherit a Mixin by another Mixin:

```
@register(PyramidMixin)
class MyAnotherMixin(PyramidMixin.MyMixin):
    ...
```

#### 2.2.5 Inheritance

The conbroller can inherit PyramidMixin and also Controller of the same Type:

```
@register(PyramidHTTP)
class MyController(PyramidHTTP.OtherController):
    ...
```

# 2.2.6 Pyramid Core

The Core used by the controller are:

- · ControllerBase: For all the controller
- ControllerHTTP
- ControllerRPC
- ControllerJsonRPC
- ControllerXmlRPC

Overload a Core:

```
@register(Core)
class ControllerBase:
    ...
```

### 2.2.7 Cache

Add a cache on a controller is as cache on a model.

Declare a cache on a controller:

```
@register(PyramidHTTP):
class MyController:

   @classmethod_method()
   def mycachedmethod(cls):
    ...
```

#### Declare a cache on a Mixin:

### Declare a cache on a Core:

Warning: The instance of controller are not the same for each call. Then use Declarations.cache to cache in only one request else use Declarations.classmethod\_cache to cache a method for all the request

## 2.2.8 Properties

the decorator \*Controller\*.check\_properties allow to define an property to check before the view or rpc\_method be called.

This property check if the *user* is authentificated:

```
@register(PyramidHTTP)
class MyController:
```

```
def check_property_myproperty(self, value):
    """If the value property is not good the this method must raise"""

@check_properties(myproperty=OneValue)
@PyramidHTTP.view()
def myview(self):
    ...
```

You can add your property but the property must be associated at a check method on the controller. This method can be in a Mixin or in a Core. This method can be overload.

- AnyBlok / Pyramid framework
  - AnyBlok/ Pyramid controllers
  - anyblok\_pyramid.handler
  - anyblok\_pyramid.config
  - anyblok\_pyramid.scripts module

# **AnyBlok / Pyramid framework**

# 3.1 AnyBlok/ Pyramid controllers

class anyblok\_pyramid.controllers.PyramidException
 Exception for web type

class anyblok\_pyramid.controllers.PyramidMixin

Bases: anyblok.mixin.MixinType

The PyramidMixin class are used to define a behaviours on models:

•Add new mixin class:

```
@Declarations.register(Declarations.PyramidMixin)
class MyMixinclass:
    pass
```

•Remove a mixin class:

Declarations.unregister(Declarations.PyramidMixin.MyMixinclass,
MyMixinclass)

class anyblok\_pyramid.controllers.Pyramid

Bases: object

The Pyramid controller is a simple wrapper of the Pyramid controller

Pyramid can scan easily the view declarations to add them in the configuration. But the route have to add directly in the configuration. This controller do all of them. The route and view are saved in the controller and the controller add them in the configuration at the start of the wsgi server

Warning: This case is only use by the script anyblok\_wsgi, if you use an another script, you must include the includem pyramid\_config or use the function make\_config to get all the configuration

This Type is not an entry, no class are assembled in the registry. You must not add any class of this Type, the methods register and unregister raise an exception.

Add a view:

```
from anyblok import Declarations

@Declarations.Pyramid.add_view('route name')
```

```
def myview(request):
...
```

Note: The decorator add\_view is just a wrapper of add\_view

the args already filled by the wraper are:

•view: is the decorated function

•name: is the route name

Add a route:

```
from anyblok import Declarations

Declarations.Pyramid.add_route('route name', '/my/path')
```

Note: The function add\_route is just a wrapper of add\_route

The args already filled by the wraper are:

•name: is the **route name** •pattern: is the path

**Warning:** It 's important to use the add\_route of Pyramid, because when the view are add in configuration, this view check is the **route name** exist in the routes.

#### classmethod add\_route (\*args, \*\*kwargs)

Declare a route to add it in the configuration of Pyramid:

```
from anyblok import Declarations

Declarations.Pyramid.add_route('route name', '/my/path')
```

Note: The function add\_route is just a wrapper of add\_route

The args already filled by the wraper are:

•name: is the **route name** •pattern: is the path

### classmethod add\_view (endpoint, \*\*kwargs)

Declare a view to add it in the configuration of Pyramid:

```
from anyblok import Declarations

@Declarations.Pyramid.add_view('route name')
def myview(request):
...
```

**Note:** The decorator add\_view is just a wrapper of add\_view

the args already filled by the wraper are:

•view: is the decorated function

•name: is the route name

#### classmethod register (parent, name, cls\_)

Forbidden method, this method always raise when calls

#### **Parameters**

- parent Existing global registry
- name Name of the new registry to add it
- cls Class Interface to add in registry

### **Exception** PyramidException

#### routes = []

Route properties to add in pyramid configuration

### ${f class method\ unregister\ }({\it child,\ cls}_{\_})$

Forbidden method, this method always raise when calls

#### **Parameters**

- entry entry declaration of the model where the cls\_ must be removed
- cls Class Interface to remove in registry

### **Exception** PyramidException

### views = []

View properties to add in pyramid configuration

### class anyblok\_pyramid.controllers.PyramidBase

Bases: object

Warning: This class is not a controller, but base of HTTP and RPC controller

Warning: This class is not the Core.PyramidBase.

The declarations of HTTP and RPC controller is not the same, but they are few difference.

#### classmethod assemble callback (registry)

Assemble callback is called to assemble all the controllers from the installed bloks

**Parameters** registry – registry to update

#### classmethod authentificated()

Decorator which add the property authentificated with the value True

### classmethod check\_properties (\*\*kwargs)

decorator which add the properties to check

**Parameters** \*\*kwargs - dict property: value to check

#### classmethod hook\_insert\_in\_bases (registry, bases)

The difference between HTTP and RPC controller are the Core used by them. all of them must inherit of:

- Core.PyramidBase
- registry\_base

#### **Parameters**

- registry the current registry for the controller
- bases bases list which define the controller

#### classmethod load\_namespace (registry, namespace, realregistryname=None)

Return the bases and the properties of the namespace

#### **Parameters**

- registry the current registry
- namespace the namespace of the model
- realregistryname the name of the model if the namespace is a mixin

**Return type** the list od the bases and the properties

**Exception** PyramidException

### classmethod properties\_from\_decorators (registryname, cls\_)

Properties is used to make some check before call the view. This method get the view which are need this verification

#### **Parameters**

- registryname the registry name
- cls a class of the registry name to take the properties

Return type dict to save in the registry

## classmethod register (parent, name, cls\_, \*\*kwargs)

add new sub registry in the registry

#### **Parameters**

- parent Existing global registry
- name Name of the new registry to add it
- cls Class Interface to add in registry

## ${\bf classmethod\ transform\_base}\ ({\it registry}, {\it name space}, {\it base}, {\it properties})$

Detect specific declaration which must define by registry

#### **Parameters**

- registry the current registry
- namespace the namespace of the controller
- base One of the base of the controller
- **properties** the properties of the controller

Return type new base

#### classmethod unregister (entry, cls\_)

Remove the Interface from the registry

### **Parameters**

-  ${\tt entry}-{\tt entry}$  declaration of the model where the  ${\tt cls\_}$  must be removed

• cls - Class Interface to remove in registry

```
class anyblok_pyramid.controllers.PyramidHTTP
```

Bases: anyblok\_pyramid.controllers.PyramidBase

The PyramidHTTP controller is a simple wrapper of the Pyramid controller

At the start of the pyramid server, all routes and all the views must be known. But the routes and views are declared on the bloks. Then the declaration of the routes and the views must be done also if the bloks are not installed. When the controller is called then the view must be validated by the controller to be called

Warning: This case is only use by the script anyblok\_wsgi, if you use an another script, you must include the includem pyramid\_http\_config or use the function make\_config to get all the configuration

Add a view:

**Note:** The decorator view is just a wrapper of add\_view

the args already filled by the wraper are:

•view: is the decorated function

•name: the default value is the name of the method or the first args

Add a route:

```
from anyblok import Declarations

Declarations.PyramidHTTP.add_route('route name', '/my/path')
```

Note: The function add\_route is just a wrapper of add\_route

The args already filled by the wraper are:

•name: is the **route name** •pattern: is the path **Warning:** It 's important to use the add\_route of PyramidHTTP, because when the view are add in configuration, this view check is the **route name** exist in the routes.

```
classmethod add_route (*args, **kwargs)
```

Declare a route to add it in the configuration of Pyramid:

```
from anyblok import Declarations

Declarations.PyramidHTTP.add_route('route name', '/my/path')
```

Note: The function add\_route is just a wrapper of add\_route

The args already filled by the wraper are:

•name: is the **route name** 

•pattern: is the path

#### classmethod hook insert in bases (registry, bases)

Define the Core class inherited by PyramidHTTP controllers

- ${\bf \cdot Core. Pyramid Base HTTP}$
- •super()

#### **Parameters**

- registry the current registry for the controller
- bases bases list which define the controller

## classmethod hook\_view\_from\_decorators (registryname, cls\_)

Save the decorated method by view

#### **Parameters**

- registryname registry name of the controller
- cls\_ the cls of the registry name

**Return type** dict {'views': {route name: function} }

#### routes = []

Route properties to add in pyramid configuration

#### classmethod view (\*\*kwargs)

Declare a view to add it in the configuration of Pyramid:

```
from anyblok import Declarations

@Declarations.register(Declaration.PyramidHTTP)
class My controller:

@Declaration.PyramidHTTP.view()
def myview(request):
    # route name == myview
...

@Declaration.PyramidHTTP.view('myroute')
```

```
def myotherview(request):
    # route name == myroute
    ...
```

Note: The decorator view is just a wrapper of add\_view

the args already filled by the wraper are:

•view: is the decorated function

•name: the default value is the name of the method or the first args

#### $views = \{\}$

View properties to add in pyramid configuration

class anyblok\_pyramid.controllers.PyramidRPC

Bases: anyblok\_pyramid.controllers.PyramidBase

classmethod add\_route (\*args, \*\*kwargs)

Declare a route to add it in the configuration of Pyramid

classmethod hook\_insert\_in\_bases (registry, bases)

Define the Core class inherited by Pyramid RPC controllers

- •Core.PyramidBaseRPC
- •super()

#### **Parameters**

- registry the current registry for the controller
- bases bases list which define the controller

classmethod hook view from decorators (registryname, cls)

Save the decorated method by rpc method

#### **Parameters**

- registryname registry name of the controller
- cls\_ the cls of the registry name

**Return type** dict {'views': {route name: function} }

## classmethod rpc\_method (\*\*kwargs)

Declare a rpc method to add it in the configuration of Pyramid RPC

```
{\bf class} \ {\tt anyblok\_pyramid.controllers.PyramidJsonRPC}
```

Bases: anyblok\_pyramid.controllers.PyramidRPC

The PyramidJsonRPC controller is a simple wrapper of the Pyramid JSON-RPC controller

At the start of the pyramid server, all routes and all the rpc methods must be known. But the routes and rpc methods are declared on the bloks. Then the declaration of the routes and the rpc methods must be done also if the bloks are not installed. When the controller is called then the rpc method must be validated by the controller to be called

Warning: This case is only use by the script anyblok\_wsgi, if you use an another script, you must include the includem pyramid\_jsonrpc\_config or use the function make\_config to get all the configuration

Add a rpc method:

```
from anyblok import Declarations

@Declarations.register(Declaration.PyramidJsonRPC)
class MyController:

@Declaration.PyramidJsonRPC.rpc_method()
def mymethod(request):
    # method name == mymethod
    ...

@Declaration.PyramidJsonRPC.rpc_method('myroute')
def myothermethod(request):
    # method name == myroute
    ...
```

**Note:** The decorator rpc\_method is just a wrapper of add\_jsonrpc\_method

the args already filled by the wraper are:

•view: is the decorated method

•endpoint: the default value is the name of the method or the first args

Add a route:

```
from anyblok import Declarations

Declarations.PyramidJsonRPC.add_route(
    Declarations.PyramidJsonRPC.MyController, '/my/path')
```

**Note:** The function add\_route is just a wrapper of add\_jsonrpc\_endpoint

The args already filled by the wraper are:

•name: is the **route name** •pattern: is the path

**Warning:** It 's important to use the add\_route of PyramidJsonRPC, because when the view are add in configuration, this view check is the **rpc method** exist in the routes.

#### classmethod hook\_insert\_in\_bases (registry, bases)

Define the Core class inherited by PyramidJsonRPC controllers

- Core.PyramidBaseJsonRPC
- •super()

#### **Parameters**

- registry the current registry for the controller
- bases bases list which define the controller

```
methods = \{\}
```

RPC method properties to add in pyramid configuration

#### routes = []

Route properties to add in pyramid configuration

```
{\bf class} \ {\tt anyblok\_pyramid.controllers.PyramidXmlRPC}
```

Bases: anyblok\_pyramid.controllers.PyramidRPC

The PyramidXmlRPC controller is a simple wrapper of the Pyramid XML-RPC controller

At the start of the pyramid server, all routes and all the rpc methods must be known. But the routes and rpc methods are declared on the bloks. Then the declaration of the routes and the rpc methods must be done also if the bloks are not installed. When the controller is called then the rpc method must be validated by the controller to be called

Warning: This case is only use by the script anyblok\_wsgi, if you use an another script, you must include the includem pyramid\_xmlrpc\_config or use the function make\_config to get all the configuration

Add a rpc method:

```
from anyblok import Declarations

@Declarations.register(Declaration.PyramidXmlRPC)
class MyController:

@Declaration.PyramidXmlRPC.rpc_method()
def mymethod(request):
    # method name == mymethod
    ...

@Declaration.PyramidXmlRPC.rpc_method('myroute')
def myothermethod(request):
    # method name == myroute
    ...
```

**Note:** The decorator rpc\_method is just a wrapper of add\_xmlrpc\_method

the args already filled by the wraper are:

•view: is the decorated method

•endpoint: the default value is the name of the method or the first args

Add a route:

```
from anyblok import Declarations

Declarations.PyramidXmlRPC.add_route(
    Declarations.PyramidXmlRPC.MyController, '/my/path')
```

**Note:** The function add\_route is just a wrapper of add\_xmlrpc\_endpoint

The args already filled by the wraper are:

•name: is the route name

•pattern: is the path

**Warning:** It 's important to use the add\_route of PyramidXmlRPC, because when the view are add in configuration, this view check is the **rpc method** exist in the routes.

#### classmethod hook\_insert\_in\_bases (registry, bases)

Define the Core class inherited by PyramidXmlRPC controllers

Core.PyramidBaseXmlRPC

•super()

#### **Parameters**

- registry the current registry for the controller
- bases bases list which define the controller

#### $methods = \{\}$

RPC method properties to add in pyramid configuration

routes = []

Route properties to add in pyramid configuration

# 3.2 anyblok\_pyramid.handler

```
class anyblok_pyramid.handler.Handler
```

Base class for all the pyramid handler.

```
call controller(*args, **kwargs)
```

call the controller function and return the result

init\_controller(request)

Get an instance of the controller

**Parameters** request – http request get from pyramid

Return type instance of Pyramid controller

**Exception** HandlerException

class anyblok\_pyramid.handler.HandlerHTTP (namespace, view)

Handler for all PyramidHTTP controllers

wrap\_view(request)

Call and return the result of wanted controller

Parameters request – http request got from pyramid

class anyblok\_pyramid.handler.HandlerRPC (namespace, method)

Handler for all PyramidRPC controllers

wrap\_view(request, \*args, \*\*kwargs)

Call and return the result of wanted controller

#### **Parameters**

- request http request got from pyramid
- \*args list of argument for rpc method

• \*\*kwargs – list of positional argument for rpc method

# 3.3 anyblok\_pyramid.config

anyblok\_pyramid.config.make\_config()

Return the configuration for pyramid

anyblok\_pyramid.config.declare\_static(config)

Pyramid includeme, add the static path of the blok

**Parameters** config – the pyramid configuration

anyblok\_pyramid.config.pyramid\_config(config)

Pyramid includeme, add the route and view which are not added in the blok

**Parameters** config – the pyramid configuration

anyblok\_pyramid.config.pyramid\_http\_config(config)

Pyramid includeme, add the route and view which are added in the blok by PyramidHTTP Type

Parameters config – the pyramid configuration

**Exception** PyramidException

anyblok\_pyramid.config.\_pyramid\_rpc\_config(cls, add\_endpoint, add\_method)

Add the route and view which are added in the blok

#### **Parameters**

- cls PyramidRPC Type
- add\_endpoint function to add route in configuation
- add\_method function to add rpc\_method in configuration

**Exception** PyramidException

anyblok\_pyramid.config.pyramid\_jsonrpc\_config(config)

Pyramid includeme, add the route and view which are added in the blok by PyramidJsonRPC Type

**Parameters** config – the pyramid configuration

 $\verb"anyblok_pyramid.config.pyramid_xmlrpc_config" ( \textit{config} )$ 

Pyramid includeme, add the route and view which are added in the blok by PyramidXmlRPC Type

**Parameters** config – the pyramid configuration

# 3.4 anyblok\_pyramid.scripts module

#### **Parameters**

- description description of argsparse
- **version** version of script for argparse
- argsparse\_groups list argsparse groupe to load
- parts\_to\_load group of blok to load

• Configurator – callable which return a config instance

- Bloks
  - pyramid blok

# **Bloks**

# 4.1 pyramid blok

```
class anyblok_pyramid.bloks.pyramid.Pyramid(registry)
    Bases: anyblok.blok.Blok
    classmethod import_declaration_module()
    classmethod reload_declaration_module(reload)
    required = ['anyblok-core']
    version = '0.2.0'
```

- Helper for unittest
  - PyramidTestCase
  - PyramidDBTestCase
  - PyramidBlokTestCase

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# **Helper for unittest**

For unittest, classes are available to offer some fonctionnalities

# 5.1 PyramidTestCase

from anyblok\_pyramid.tests.testcase import PyramidTestCase

# 5.2 PyramidDBTestCase

Warning: this testcase destroys the test database for each unittest

# 5.3 PyramidBlokTestCase

- ROADMAP
  - To implement
  - Functionnality which need a sprint

# **ROADMAP**

# 6.1 To implement

- WebSocket
- Add check properties type

# 6.2 Functionnality which need a sprint

• Internalization

- CHANGELOG
  - Future
  - 0.1.0

# **CHANGELOG**

# 7.1 Future

- [ADD] configurator callable
- [REF] Adapt the import of python module of the blok, cause of the change in AnyBlok version 0.2.2

# 7.2 0.1.0

Main version of AnyBlok / Pyramid. You can with this version

- Declare Views / Routes for application
- Declare controller (Views / Routes) which depend of the installation of bloks
  - XHR
  - JsonRPC
  - XmlRPC
- Possibility to check some property as authentification
- Possibility to define properties check

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