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**pytest***pyramidDocumentation*

**Release 0.3.0**

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pytest\_pyramid provides basic fixtures for testing pyramid applications with pytest test suite.



For the most basic usage `pytest_pyramid` provides a `pyramid_app` and `pyramid_config` fixtures, that can be used to test your pyramid app. Simply pass your pyramid config `*.ini` file to `-pc` command line option, and include `pytest_app` fixture into your test suite to be able to use it for integration tests.

## 1.1 Fixtures

`pytest_pyramid` provides two fixtures to be used in `pytest` tests:

- **pyramid\_config** - fixture providing pyramid's Configurator instance as defined in pyramid config's file
- **pyramid\_app** - pyramid application for testing - a `webtest.app.TestApp`

Both of these fixtures depend on Config file passed in command line.

## 1.2 Fixture factories

If you're developing a module, package meant to extend functionalities of other applications, it's not necessary to create a full blown application to test functionalities provided in packages. To do this, **pytest\_pyramid** provides you with fixture *factories*.

There are two factories:

- `pyramid_config()` provides you with Configuration object based on either settings, `config_file` argument or by `-pc` command line option config file.
- `pyramid_app()` creates a `TestApp` based on Configurator class instance as returned from fixture passed by name to it.





All relevant code is placed in factories submodule Pytest's fixture factories.

`pytest_pyramid.factories.pyramid_app` (*config\_fixture\_name*)  
pyramid\_app fixture factory.

Creates a TestApp instance based on.

**Parameters** `config_fixture_name` (*str*) – name of a fixture creating `pyramid.config.Configurator`

**Returns** TestApp based on pyramid's COnfigurator object as returned from fixture passed by `config_fixture_name`

**Return type** `webtest.app.TestApp`

`pytest_pyramid.factories.pyramid_config` (*settings=None, config\_path=None*)  
Pyramid\_config fixture factory.

Used to create additional fixtures returning pyramid's `Configurator` object.

**Parameters**

- **settings** (*dict*) – optional parameter delivering settings for building a `Configurator` object.
- **config\_path** (*str*) – optional parameter delivering path to pyramid configuration file

**Returns** configuration

**Return type** `pyramid.config.Configurator`



### 3.1 0.3.0

- [feature] changed pyramid\_config fixture scope to session.

### 3.2 0.2.0

- [feature] support pyramid's config inheritance with use = config:other.file.ini - Thanks Eric Hulser
- [feature] dropped support for python 3.2, added support for python 3.4 and 3.5

### 3.3 0.1.1

- make factories condition to check parameters against None

### 3.4 0.1.0

- initial release
- pyramid\_config fixture factory and default fixture
- pyramid\_app fixture factory and default fixture
- documentation



## CHAPTER 4

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### Authors

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This file contains the list of people involved in the development of pytest\_pyramid along its history.

- Grzegorz Śliwiński
- Eric Hulser



## CHAPTER 5

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### License

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