
pytest*pyramidDocumentation*

Release 0.3.0

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Nov 15, 2017

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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

Authors

This file contains the list of people involved in the development of pytest_pyramid along its history.

- Grzegorz Śliwiński
- Eric Hulser

CHAPTER 5

License

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- `pyramid_config()` (in module `pytest_pyramid.factories`), 5
- `pytest_pyramid.factories` (module), 5