
biskotaki

Release 0.0.1

Konstantinos Lampridis

Feb 17, 2024

CONTENTS:

1	Features	3
1.1	Development	3
2	Prerequisites	5
3	Quickstart	7
4	License	9
5	License	11
5.1	Introduction	11
5.2	Why this Package?	11
5.3	Usage	11
5.4	biskotaki	12
6	Indices and tables	13
	Python Module Index	15
	Index	17

BISKOTAKI

Project generated from the https://github.com/boromir674/cookiecutter-python-package/tree/master/src/cookiecutter_python_cookiecutter

Code: <https://github.com/boromir674/biskotaki>

Docs: <https://biskotaki.readthedocs.io/en/main/>

PyPI: <https://pypi.org/project/biskotaki/>

CI: <https://github.com/boromir674/biskotaki/actions/>

FEATURES

1. **biskotaki** *python package*
 - a. TODO Document a **Great Feature**
 - b. TODO Document another **Nice Feature**
2. Tested against multiple *platforms* and *python* versions

1.1 Development

Get started:

```
python3 -m pip install --user 'tox<4'
```

OR: ``pipx install tox``

Then, to see all out-of-the-box available *tox* commands:

```
tox -a
```

OR ``tox -av`` for showing *description* of each command

1.1.1 Development Notes

Testing, Documentation Building, Scripts, CI/CD, Static Code Analysis for this project.

1. **Test Suite**, using [pytest](#), located in *tests* dir
2. **Parallel Execution** of Unit Tests, on multiple cpu's
3. **Documentation Pages**, hosted on [readthedocs](#) server, located in *docs* dir
4. **CI/CD Pipeline**, running on [Github Actions](#), defined in *.github/*
 - a. **Test Job Matrix**, spanning different *platform*'s and *python version*'s
 1. Platforms: *ubuntu-latest*, *macos-latest*, *windows-latest*
 2. Python Interpreters: *3.8*, *3.9*, *3.10*, *3.11*
 - b. **Continuous Deployment**
 - Production*
 1. **Python Distribution** to [pypi.org](#), on *tags v**, pushed to *main* branch
 2. **Docker Image** to [Dockerhub](#), on every push, with automatic *Image Tagging*
 - Staging*
 1. **Python Distribution** to [test.pypi.org](#), on “pre-release” *tags v*-rc*, pushed to *release* branch
 - c. **Configurable Policies** for *Docker*, and *Static Code Analysis* Workflows
5. **Automation**, using [tox](#), driven by single *tox.ini* file
 - a. **Code Coverage** measuring
 - b. **Build Command**, using the [build](#) python package
 - c. **Pypi Deploy Command**, supporting upload to both [pypi.org](#) and [test.pypi.org](#) servers
 - d. **Type Check Command**, using [mypy](#)
 - e. **Lint Check** and *Apply* commands, using the fast [Ruff](#) linter, along with [isort](#) and [black](#)

PREREQUISITES

You need to have *Python* installed.

QUICKSTART

Using *pip* is the approved way for installing *biskotaki*.

```
python3 -m pip install biskotaki
```

TODO Document a use case

LICENSE

- GNU Affero General Public License v3.0

LICENSE

- Free software: GNU Affero General Public License v3.0

5.1 Introduction

This is **Biskotaki**, a *Python Package* desinged to ...

Goal of this project is to TODO Document
Additionally, TODO Document

This documentation aims to help people understand what are the package's features and to demonstrate how to leverage them for their use cases.
It also presents the overall package design.

5.2 Why this Package?

So, why would one opt for this Package?

It is **easy** to *install* (using *pip*) and intuitive to *use*.

Biskotaki features TODO Document

Well-tested against multiple Python Interpreter versions (3.6 - 3.10), tested on both *Linux* (Ubuntu) and *Darwin* (Macos) platforms.

Tests trigger automatically on **CI**. The package's releases follow **Semantic Versioning**.

5.3 Usage

5.3.1 Installation

biskotaki is available on PyPI hence you can use *pip* to install it.

It is recommended to perform the installation in an isolated *python virtual environment* (*env*). You can create and activate an *env* using any tool of your preference (ie *virtualenv*, *venv*, *pyenv*).

Assuming you have 'activated' a *python virtual environment*:

```
python -m pip install biskotaki
```

5.3.2 Simple Use Case

Common Use Case for the biskotaki is to TODO Document

TODO Document

5.4 biskotaki

5.4.1 biskotaki package

Module contents

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`

PYTHON MODULE INDEX

b

biskotaki, [12](#)

INDEX

B

biskotaki
 module, [12](#)

M

module
 biskotaki, [12](#)