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**biskotaki**

*Release 0.0.1*

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## BISKOTAKI

Project generated using <https://github.com/boromir674/cookiecutter-python-package>

**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`



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