
cpp_cookiecutter

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USAGE

1	Demo Project	3
1.1	Basic usage	3

py_cookiecutter is cookiecutter template for a modern python package

DEMO PROJECT

Have a look at github.com/DerThorsten/cpptools, an unmodified example project created with this cpp_cookiecutter.

1.1 Basic usage

1.1.1 Install cookiecutter

Install _cookiecutter via conda (recommended)

```
$ conda install cookiecutter -c conda-forge
```

or

```
$ pip install cookiecutter
```

1.1.2 Create Project With Cookiecutter

After installing cookiecutter, use the cpp-cookiecutter:

```
$ cookiecutter https://github.com/DerThorsten/py_cookiecutter
```

There you need to specify the variables of the cpp_cookiecutter which are explained in the table below:

Table 1: Title

Cookiecutter variable	Description	Default
full_name	Author Name	John Doe
email	email of author	john@doe.de
project_name	name of the project	pytools
project_slug	url friendly version of package name	pytools
package_name	package name	pytools
conda_package_name	conda package name	pytools
readthedocs_package_name	readthedocs package name	pytools
github_project_name	name of the project on github	pytools
python_package_name	name of the python package	pytools
github_username	authors github user name	JohnDoe
azure_username	authors user name on microsoft azure	JohnDoe
open_source_license	which license shall be used	MIT LICENCE
summary	a short summary of the project	pytools is a modern C++ Library
description	a short description of the project	pytools is a modern python Library

1.1.3 Install Generated Project with setup.py

Assuming your created a package named pytools the following installs the project using `setup.py`

```
cd pytools
python setup.py install
```