

PPTC  
( Python Project Template Creator )

Islam Tramov

20.09.2020

# Contents

<b>1</b>	<b>What PPTC is?</b>	<b>2</b>
1.1	Created files . . . . .	2
1.1.1	docs/conf.py and docs/index.rst . . . . .	2
1.1.2	tests/core.py . . . . .	2
1.1.3	LICENSE . . . . .	2
1.1.4	README.rst . . . . .	3
1.1.5	requirements.txt . . . . .	3
1.1.6	setup.py . . . . .	3
<b>2</b>	<b>Usage</b>	<b>3</b>

# 1 What PPTC is?

PPTC ( Python Project Template Creator ) is a simple program to create a python project template. It is used to start a new project.

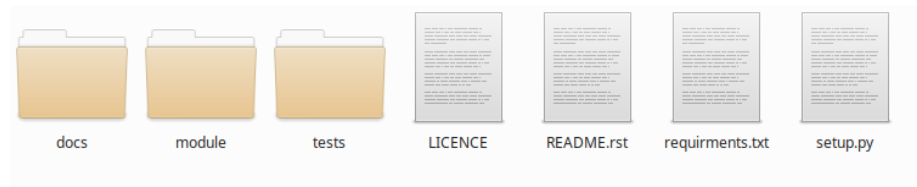


Figure 1: A Python project template.

## 1.1 Created files

- docs/conf.py
- docs/index.rst
- module/\_\_init\_\_.py
- module/core.py
- tests/core.py
- LICENSE
- README.rst
- requirements.txt
- setup.py

### 1.1.1 docs/conf.py and docs/index.rst

Readable documentation is essential. This is placed in the docs directory.

### 1.1.2 tests/core.py

Most projects have tests- keep these in the tests directory.

### 1.1.3 LICENSE

This is in the root directory and is where you should add a license for your project. Some licenses are:

GNU AGPLv3  
GNU GPLv3  
GNU LGPLv3

Mozilla Public License 2.0  
Apache License 2.0  
MIT License  
The Unlicense

#### **1.1.4 README.rst**

This is in the root directory too and is where you describe your project and what it does. You can write this in Markdown, reStructuredText, or plain text.

#### **1.1.5 requirements.txt**

This is not mandatory, but if you use this, you put it in the root directory. Here, you mention the modules and dependencies of the project- the things it will not run without.

#### **1.1.6 setup.py**

This script in the root lets distutils build and distribute modules needed by the project.

## **2 Usage**

Use the following command to create a project template:

```
$ python3 create_template.py "<project_dir>"
```