

pystrap - Project Specifications

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Contents

1	File Specifications	1
1.1	pyproject.toml File	1
1.2	setup.py File	1
1.3	package-init Files	1

1 File Specifications

The following section shows how the config files will be created by the program. It will also contain a minimal example, which is used as a reference for developers.

1.1 pyproject.toml File

The `pyproject.toml` file is used to configure the project in a standardized format. We can define dependencies, metadata and even entry points for console scripts here. Many third party tools use the `pyproject.toml` file for configuration, that's why this file is the default output of the `pystrap` script. The following table 1 shows a list of all supported fields and the default values associated with them.

1.2 setup.py File

1.3 package-init Files

Field	Description	Type	Default Value
[project]	Nonoptional section-identifier. Define metadata of the project here.	Top-level section	-
name	The name of the project.	String	-
version	The version of the project. pystrap uses semantic versioning as default scheme	String	0.0.1
authors	List of authors of the project. An author consists of a name and an email adress.	List[String, String]	-
maintainers	List of maintainers of the project. pystrap will fill in the same data as in the authors field.	List[String, String]	-
requires-python	Specify the minimal version of python the application needs to run on.	String	≥ 3.10
[build-system]	Specifies the system used to build the python application.	Top-level section	-
requires	Define the dependencies for the build system	List[String, String]	["setuptools ≥ 42 ", "wheel"]

Table 1: Supported data fields.