

AST3100 “Code development and packaging mini-course” Assignment 4

Due on Mar. 24 2020 at the start of class

The purpose of this fourth (and final!) assignment is to set up your documentation on `readthedocs.io` and to release your package to PyPI. Note that if you don't feel ready to release the first version of your package yet, you can skip the final part, but please do upload a first version (could be “0.0.1”) to TestPyPI.

Task 1: Set up your documentation on `readthedocs.io` following the instructions in the notes.

Task 2: Prepare for the first release of your package by deciding on a proper version scheme and making sure your version strings in `setup.py`, `__init__.py`, and `docs/source/conf.py` are consistent. Also add a `HISTORY.md` file with the history of your package and a `MANIFEST.in` file that makes sure to include the `LICENSE` file in your source distribution.

Task 3: Create the source distribution and unpack it somewhere else to check that all looks okay.

Task 4: Register for an account on TestPyPI and release your first version there. Upload the source distribution. Please send your instructor a link to the TestPyPI page.

Task 5: Build a wheel for your package and add that to your TestPyPI release..

Task 6 (optional): Release your source distribution and wheel to PyPI.