

Codecamp Development Getting Started

This document has instructions on setting up a development environment for the codecamp attendance project.

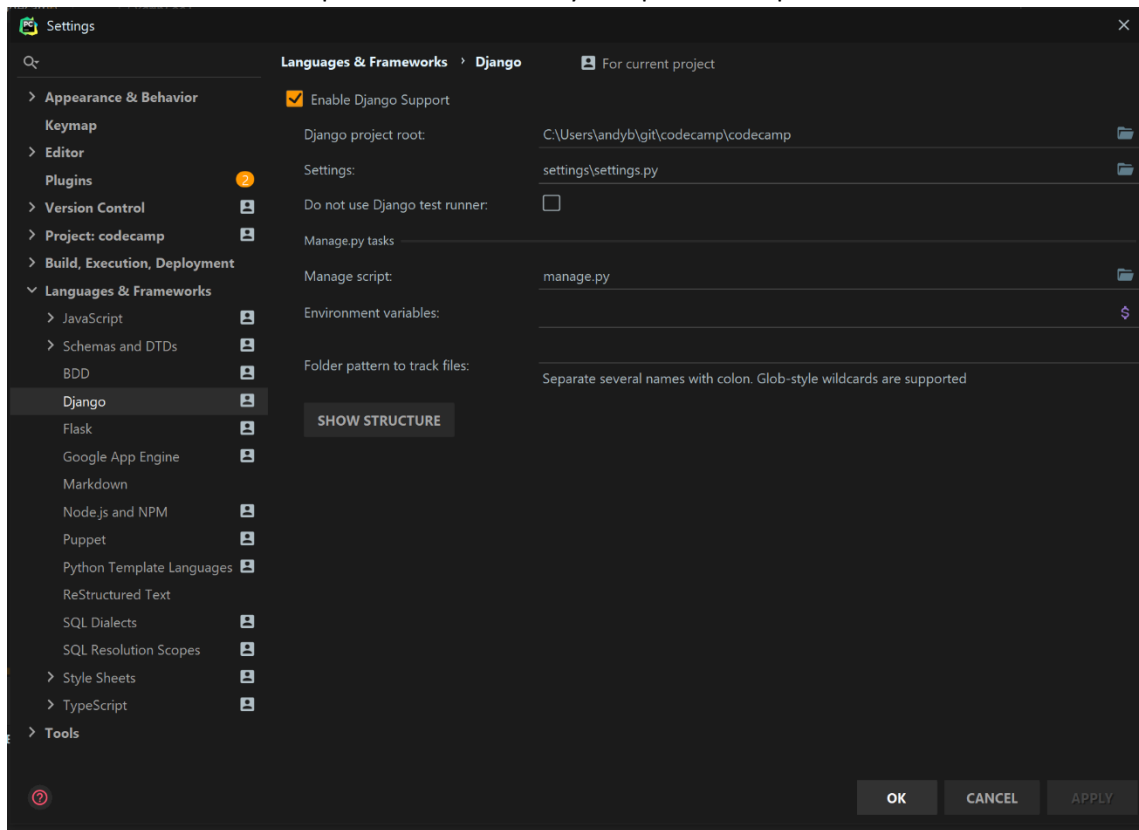
Environment Details

The project uses Django and the Django-rest-framework for the core functionality. The project was worked on entirely in PyCharm for it's useful Django tooling. First steps that shouldn't require explanation include:

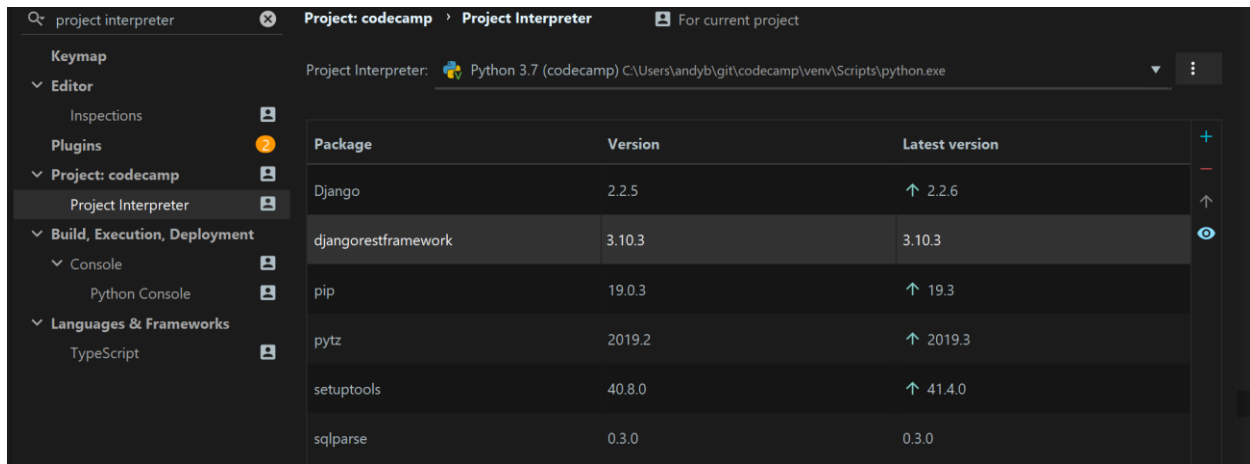
- Install python3
- Install an IDE (preferably PyCharm)
- Clone the repository somewhere

Once the project is opened in PyCharm, some initial setup is required. The overall file structure is non-default and can be learned about here: <https://stackoverflow.com/questions/22841764/best-practice-for-django-project-working-directory-structure>

Once you have the project opened in PyCharm, set up the Django framework settings like the picture shown below. Be sure the paths are relative to your specific setup.

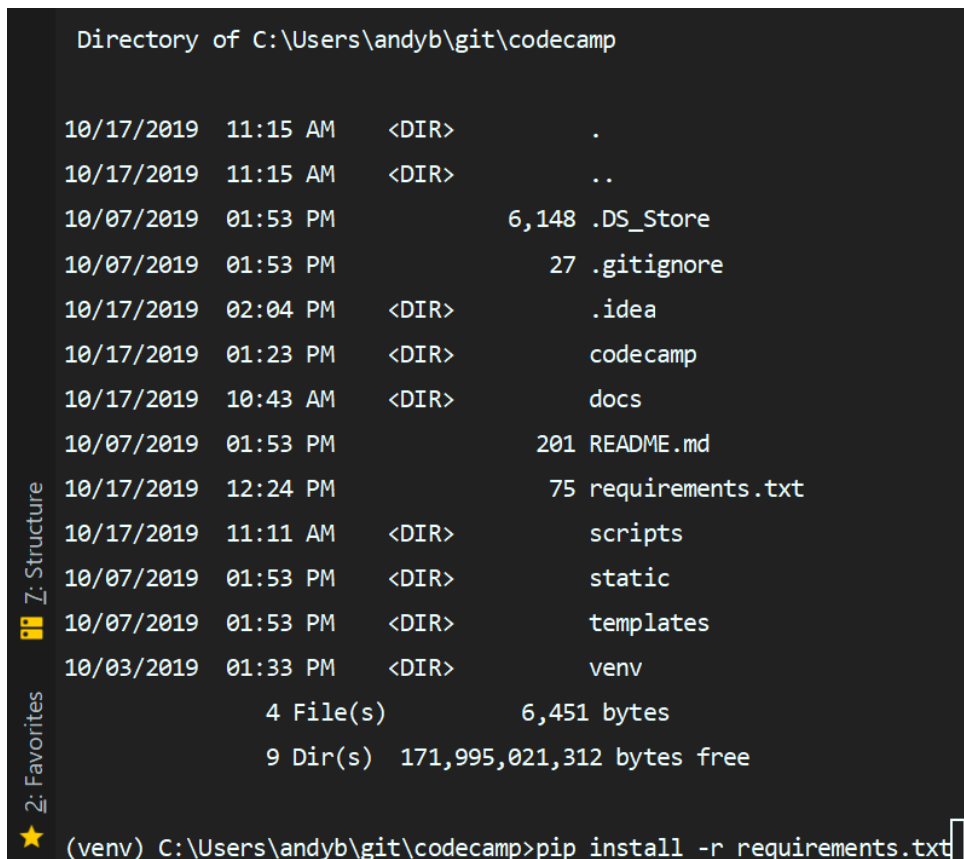


Also set up the project interpreter settings:

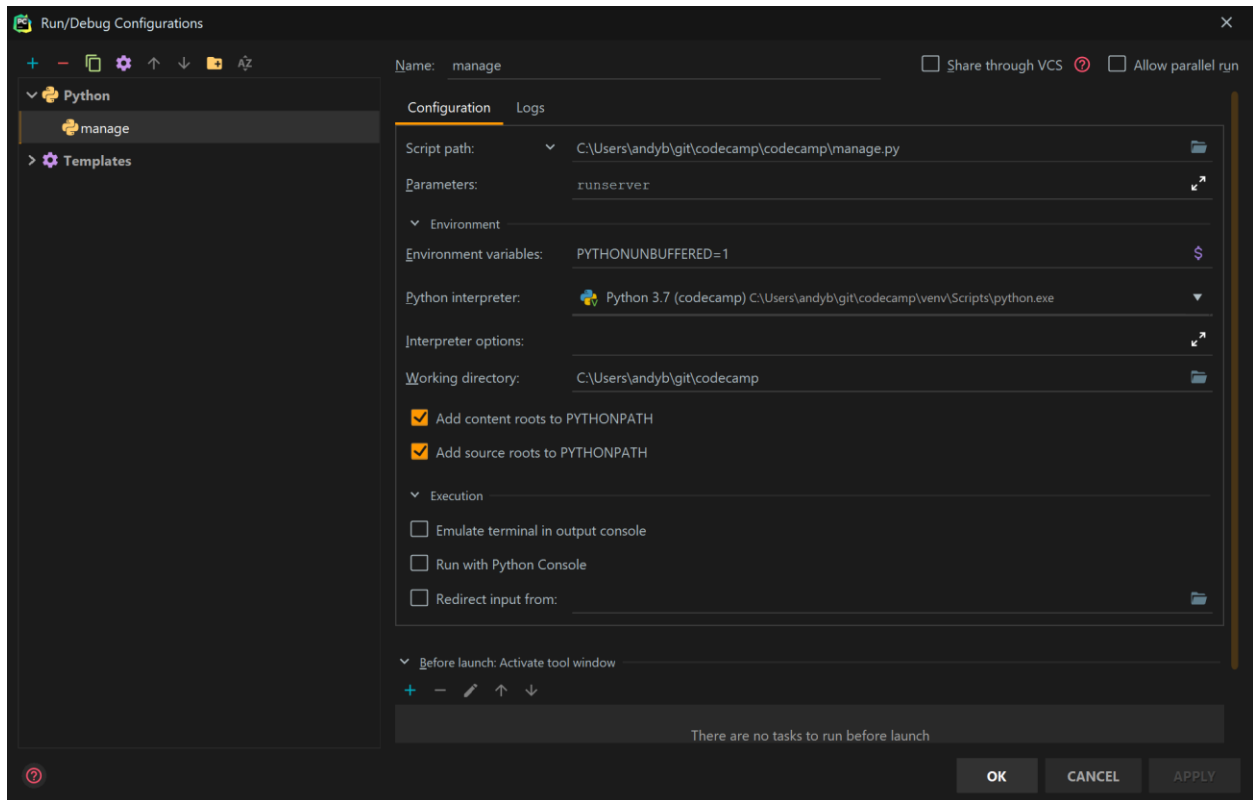


Don't worry just yet about the packages installed to the python interpreter, just be sure you are using a **virtual environment** rather than your base python install.

Next, install all the requirements/dependencies



Lastly, make a run configuration with the following settings. Again be sure that paths are relative to your own environment.



Now you should be able to run that configuration and the Django server will start automatically.