

Prefect Certification Course Tech Setup

Course Slack channel

- Please ensure you are in the course Slack channel.

If taking an online course, set up Zoom

- Please install Zoom and give Zoom access so that you can share your screen in breakout rooms. Instructions [here](#). You will have to exit out of Zoom after giving access, so it's best to do this before the course starts.

Access the internet

- Please ensure that your laptop can use wifi to access the internet and download files.

Editor install

- Please install a code editor prior to the start of instruction - [Visual Studio Code \(VS Code\)](#) is recommended. Any code editor you are comfortable with is fine.

Virtual environment setup

- Make sure you are in a virtual environment when working in the course.
- We recommend installing [conda](#) for your virtual environment. If you use *venv*, that's fine.
- During a conda install you may be prompted with “*Do you wish the installer to initialize Anaconda3 by running conda init?*” We recommend “yes”.
- The default conda virtual environment is named *base*.
- You will know you are in a virtual environment because your terminal prompt will have the name of the environment, for example, *(base)*, in parentheses.
- Python 3.10 or 3.11 will be installed into the *base* conda environment by default. If you have a Python 3.8, 3.9, or 3.12 version in your environment instead, that's fine.

Prefect install and test

- In the terminal with your virtual environment activated run `pip install -U prefect` to install the most recent Prefect version.
- See the versions of important Prefect-related components on your system by running `prefect version`
- If you don't see any results, Prefect is not installed in your active environment. You may need to activate your virtual environment.

Test Prefect setup

1. Create a file named [flowtest.py](#) with the following contents:

```
import httpx
from prefect import flow

@flow
def test_flow():
    res = httpx.get("https://example.com")
    print(res)

if __name__ == "__main__":
    test_flow()
```

2. Execute [flowtest.py](#) by running `python flowtest.py` in your virtual environment. You should see `<Response [200 OK]>`

If you have any issues, see the install docs at docs.prefect.io/latest/getting-started/installation/, ask a colleague, or use the course Slack channel.

Please have the following set up for the course:

[Prefect Cloud account](#) (You can make a forever free personal account)

[GitHub account](#)

[Docker](#)