

# Python via Docker

28 April 2020 11:57

## Introduction

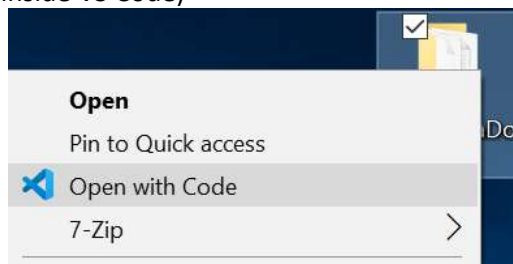
It's possible to run Python scripts in a Docker container from VS Code.

Requires:

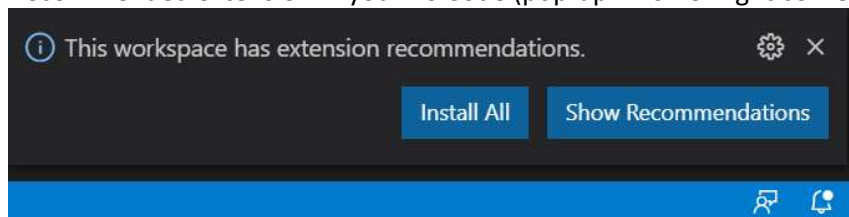
- Visual Studio Code: <https://code.visualstudio.com/download>
- Docker Desktop: <https://www.docker.com/get-started>

## Instructions

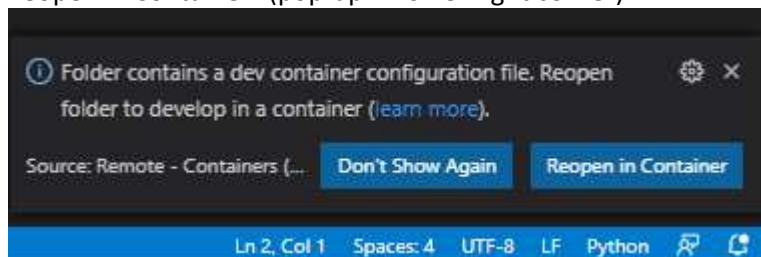
- Open the folder with VS Code (right-click and "open with Code" or choose File > Open Folder from inside VS Code)



- Install recommended extension in your VS Code (pop-up in lower right corner)

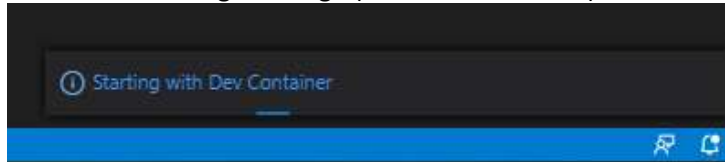


- click "Reopen in Container" (pop-up in lower right corner)

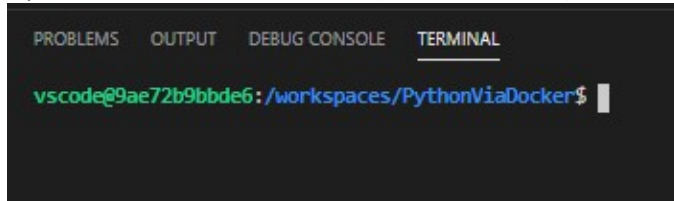


- if you don't have Docker, it will say Docker is required. Click to follow the link to the Docker site ([www.docker.com](http://www.docker.com))
  - Click "Get Started" (upper right corner)
  - Download and install "Docker Desktop" for your operating system
  - Run the installer
  - Check "Enable required Windows Features"
  - Uncheck "Use Windows containers instead of (...)" if it isn't already and click "ok"
  - Restart your computer
  - Then resume from the top of this list
- If you get an error "Docker returned an error. Make sure the Docker daemon is running":
  - Wait until Docker has restarted (the icon looks like a whale with shipping containers on its back, it's down near the clock)
  - Check that the service is running (it can take a minute after booting before it is done launching)
  - Reinstall Docker if needs be to get it started

- Then resume from the top of this list
- Docker will start building an image (if it is the first time)



- This takes a few minutes the first time, subsequent starts are faster
- When you are asked to share your drive, then share it (otherwise your local folder will not be available inside the container)
- Docker presents a Terminal window (it's a Linux shell)



- Open the Python file and click F5 to run it
- When you are done close VS Code (or close the folder via File > Close Folder)