

PYTHON VIRTUAL ENVIRONMENT USING VIRTUALENV

Using a virtual package environment is a convenient way to install packages and can help you manage your packages and versions, help make sure everything works together with no conflicts and often save space.

Using Command-Line Interface / Command Prompt / Terminal

1. To Install - pip install virtualenv
2. Make Directory (Folder) - mkdir virtual_environments
3. Change Directory - cd virtual_environments
4. List Directory Contents - ls
5. Create Virtual Environment - virtualenv project_name
6. Activate Virtual Environment - source project_name/bin/activate
7. To Install Packages - pip install pandas
8. List Packages - pip list
9. Deactivate - deactivate

Use Python Virtual Environments With Visual Studio Code

- Type “code .” in terminal to open from package environment. Type “code .” in any directory/folder to start editing files in that folder.
- Go to command menu in Visual Studio Code (shift + command + p), type in “install code command in PATH” (this will allow you to launch VS Code from the terminal), then in terminal you can start VS Code from your virtual environment by typing “code .” You may need to select the package environment from the list of environments on the bottom or go to command menu and type python select interpreter to select the environment.

Use Python Virtual Environments With Atom

- Type atom in terminal to open from package environment