Python Tips and Tricks



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Module Overview Virtual Environments (virtualenv)

Debugging a Python program

Creating executable files

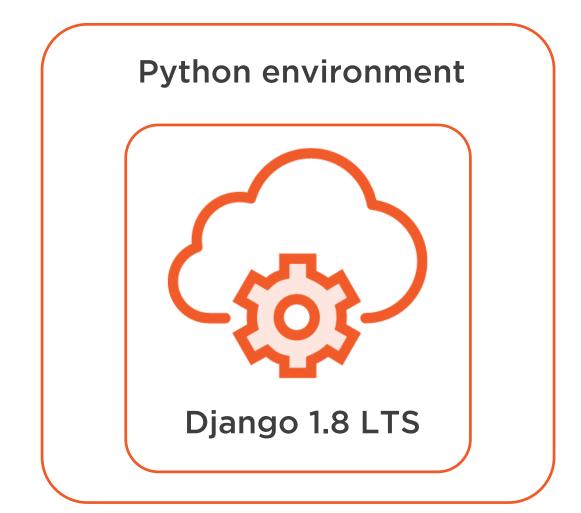
Creating installation wizards



Virtual Environments



Your Web App





Virtual Environments

Client Python virtualenv



Personal Python virtualenv



Django 1.11

pip install virtualenv

Installing the virtualenv package



Creating Virtual Environments

```
# From Terminal / PowerShell:
virtualenv <env_name>
virtualenv pluralsight # Example
virtualenv --python=python2.7 pluralsight
# Keep them in one folder - e.g. /home/pythonbo/venvs
```



Using Virtual Environments

```
# Virtualenv created in /home/pythonbo/venvs/pluralsight
$ source /home/pythonbo/venvs/pluralsight/bin/activate
# Prompt
(pluralsight) PythonBo $
```



Exiting a Virtual Environment

deactivate



Debugging Python Code



Creating an Executable File from a Python App



pyinstaller

A Python package that converts your Python code to an executable



Creating a Setup Wizard



Course Conclusion



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