Session 2 : The Python Environment
Session Date : 06/08/2017

Topic Overview

Python environment management with virtualenv. Installing packages with pip. Using the Python interpreter, and improving with bpython. Where to find help.

Learning Objectives

By the end of the session, students will be able to:

- Create, activate, and deactivate a Python virtual environment

- Install third-party packages with pip to learn how to work with Python's ecosystem

- Explore and become familiar with Python's interactive interpreter

- Read through online documentation to learn how to obtain answers to questions

Before the Session

Before the session, students should:

- Read through items in the following link, and prepare one question: `https://docs.python.org/3.4/library/index.html`

- Complete vimtutor at least once

During the Session

During the session on 06/08/2017 , we will:

- Complete vimtutor to ingrain how to edit text with Vim

- Complete more shell challenges to ingrain knowledge about the operating system (due today)

- Set up basic Python environment to learn about virtual environments and installing packages with pip

- Complete python interpreter exercises to learn about executing simple commands with Python (due 06/10/2017)

After the Session

After the session, students should:

- Complete vimtutor again

- Explore the bpython interpreter