

Session 3 : Scripting Languages

Session Date : 06/30/2016

Topic Overview

What is a script? What is a scripting language? Reading, writing, and editing Bash scripts. Python as a Bash alternative. File system manipulation with Python.

Learning Objectives

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

- Read, write, and edit bash scripts
- Perform file system operations, such as listing files in a directory, using Python
- Be able to discuss similarities and differences between Bash and Python

Before the Session

Before the session, students should:

- Complete another round of vimtutor
- Research the “os” module from the Python standard library

During the Session

During the session on 06/30/2016 , we will:

- Complete file system scripting challenges (due 06/30/2016)
- Practice debugging with bash scripts
- Define and discuss the meaning of a scripting language

After the Session

After the session, students should:

- Complete any challenges you were unable to complete during class
- Research the differences between a “program” and a “script”. Prepare some points for discussion