

Hands-on scripting

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Overview

- Editors & utilities
- Notes
- Exercises

Some Editors & utilities

- Text Editors
 - vi
 - nano or pico
 - emacs
- GUI Editors
 - gedit
 - kwrite
 - nedit
 - cooleedit
- Utilities
 - cut
 - sed
 - awk
 - sort
 - uniq
 - split
 - join

Notes

- Hashbang or Shebang (first line)
 - #!
- Examples of shells
 - #!/bin/sh
 - #!/bin/csh
 - #!/bin/bash
 - #!/usr/bin/perl
 - #!/usr/bin/python
- Making a script executable
 - `chmod +x {myscriptfile}`

Hands-on Exercises

- Exercise 1
 - Create a shell script named software to provide a list of install software packages.
- Exercise 2
 - Create a shell script to check the free-space on all nodes of a cluster.
- Exercise 3
 - Create a shell for a task of your choice..