

Advanced UNIX

Scripting, data exploration, text parsing

What you will learn

- ❖ A versatile toolset for data parsing
- ❖ How to chain multiple tools into pipelines
- ❖ How to “save” procedures in shellscripts

Outline

1. Bash shell scripting
2. Exploring data with **grep**, **sort**, **uniq** and **wc**
3. **sed** - search/replace and line deletion
4. **awk** - advanced data processing language

What you should know

- Basic shell navigation - `cd`, `ls`, `pwd`
- Making file and directories - `touch`, `mkdir`
- Moving files - `mv`, `cp`
- Basic file handling - `head`, `tail`, `cat`, `less`
- Some experience in shell-compatible editor

Workshop Information

You can download the slides, exercises and sample data for this workshop from:

<https://github.com/zbwrnz/adv-unix-workshop>