

Software Carpentry / Shell Novice Lecture Notes

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Overview:

Setup

Introducing the Shell

Navigating Files and Directories

Working With Files and Directories

Pipes and Filters

Loops

Shell Scripts

Finding Things

Setup:

- Download and install the data
- How to open a shell
 - Linux
 - Mac OS
 - Windows

Introducing the Shell:

- GUI vs CLI/TUI
- Nelle's Pipeline

Navigating Files and Directories:

- `whoami`
- `pwd`
- `ls`
- `cd`

Working With Files and Directories:

- `mkdir`
- `nano`
- `touch`
- `rm`
- `mv`
- `cp`

Pipes and Filters:

- `wc`
- redirection
- `cat`
- `less`
- `sort`

Loops:

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- How to open a shell

Shell Scripts:

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Finding Things:

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