

Working with Directories

What You Will Learn

- How to use directory shortcuts.
- How to execute commands outside of \$PATH.
- How to create and remove directories.

Directories

- Are Containers for other files and directories.
- Provide a tree like structure.
- Can be accessed by name or shortcut.

Directory Shortcuts

- . This directory
- .. The parent directory
- cd - Change to the previous directory

Directory Separator

/ Directory separator (forward slash)

Demo

Executing Commands

- \$PATH determines command search path.
- You can specify a command with a full path.
- You can execute command not in \$PATH.
- ./command = Execute command in this dir.

Demo

Creating and Removing Directories

`mkdir [-p] directory` - Create a directory.

`rmdir [-p] directory` - Remove a directory.

`rm -rf directory` - Recursively removes directory.

Demo

Summary

- Directory shortcuts
 - .
 - ..
 - cd -
- How to execute commands outside of \$PATH.
 - /full/path/to/command
 - ./command-in-this-dir

Summary

- How to create and remove directories.
 - `mkdir`
 - `rmdir`
 - `rm`

Next Steps

- Practice navigating with directory shortcuts.
- Execute commands with full paths.
- Create and remove directories.