

# Working With Directories

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# Materials

- Linux Special Directories
- Absolute Path vs Relative Path
- Directories Commands



# Linux Special Directories

- . - The Current Directory
- .. - The Parent Directory
- / - The Root Directory
- ~ - The Current User's Home Directory

# Absolute Path vs Relative Path

**Absolute path** is defined as specifying the location of a file or directory from the root directory(/).

**Relative path** is defined as the path related to the present working directly.

# Directories Commands

`cd` - change directory to

`cd ..` - change directory to the parent directory

`cd -` - change directory to the previous Directory (works like `back`)

`pwd` - Print Working Directory (Full Absolute Path)

`mkdir` - Make a new directory

`mkdir -p` - Make a new directory (with `-p` parent) as if parent doesn't exist create as well

# Directories Commands (Cont.)

`rmdir` - remove a directory

`rmdir -p` - remove a directory (with `-p` parent) as delete with parent as well

`rm -rf` - remove a directory (using the `rm` command with recursive and force options)