

Midterm Notes

David Robinson

File systems

What makes the unix file system "hierarchical"?

It organizes files and directories in a tree-like structure, where there is a root directory and each directory can contain subdirectories and files, forming a parent-child relationship.

What is the difference between absolute vs. relative paths?

Absolute paths start from the root directory while relative paths start from the working directory.

How are parent directories referenced in the file system?

Parent directories are referenced using `..` in the filepath.

Navigation

What is the working directory and how do you display it?

The working directory is the directory that a program is currently in and can be displayed with the `pwd` command.

What is the unix standard command to rename a file?

The unix command to rename a file is `mv old-file-name new-file-name`.

What is tab-completion?

Tab completion is a feature that automatically completes commands and file/directory names when Tab is pressed.