Working with Files and Directories

Module 6

Overview

- In this module:

– Copy Files

– Move/Rename Files

– Remove Files

– Print Files and check queue status

– Make a new directory

– Remove an Empty Directory

– Remove an Entire Directory Tree

– Move/Rename Directories

Copy files – cp

- Works in two ways:

- cp source dest

- If dest is a directory, source is copied into it

- cp source1 source2 source3 ... directory

- copy all source files into directory

Move/Rename Files – mv

- Works in two ways, like cp:

- mv source dest

– If dest is a directory, source is moved into it

- mv source1 source2 source3 ... directory

– move all source files into directory

Remove Files – rm

- rm file1 file2 file3 …

- Interactive (-i)

- rm -i file1 file2 file3 …

– Ask before removing

- Force (-f)

- rm -f file1 file2 file3 …

– Force remove if possible, even if permission denies

- Recursive (-r)

– Covered later!

Module 2

Print Files – lp

- Queue files for the 'line printer'

- lp file1 fil2 file3

- To view print queue

- lpstat

- To cancel a print job

- cancel [id]

Make Directories – mkdir

- Make a new directory

- mkdir dir1

- Make new directory, creating parents (-p)

- mkdir -p a/nested/sub/directory

Remove Empty Directories – rmdir

- Remove an empty directory

- rmdir dir1

Remove a Directory Tree

- Recursive remove – all files and directories (-r)

- rm -r dir1

– Careful! Will remove dir1 and *everything* in it

- Even more dangerous

- rm -rf dir1

Rename Directories

- Just like files

- mv olddir newdir

- What if 'newdir' exists?

Module 2