

Basic Unix Commands

- Who does one run a process
- How does one observe a process
- Switch it to the background
- Look at permissions
- Change permissions, ownership, group
- ...

Basic Unix Commands

- ls
- cd
- pwd
- clear
- piping output into more

Input Output Error channels

- standard input: `stdin`
- standard output: `stdout`
- standard error: `stderr`

Standard Unix Commands

- man
 - information about User Commands, System Calls, Library Functions, Special Files, File Formats, Games, Miscellaneous, System Administration and Privileged Commands, Kernel Interfaces
- looking at different options
 - man man
 - apropos (same as man -k ...)
 - e.g., man -k permission

Special Characters

- Metacharacters

- characters with special meaning in Linux

- which ones are they? recall ^C

- `stty -a`

commands

- setting & changing passwords
 - passwd
 - what typically happens? where are they kept? ...
- editing
 - vi, vim
- logging out

Figure 3-6. Script of upcoming examples.

Action	Utility
I displayed my current working directory.	pwd
I wrote the first draft and stored it in a file called "heart."	cat
I listed the directory contents to see the size of the file.	ls
I displayed the "heart" file using several utilities.	cat, more, page, head, tail
I renamed the first draft "heart.ver1."	mv
I made a directory called "lyrics" to store the first draft.	mkdir
I moved "heart.ver1" into the "lyrics" directory.	mv
I made a copy of "heart.ver1" called "heart.ver2."	cp
I edited the "heart.ver2" file.	vi
I moved back to my home directory.	cd
I made a directory called "lyrics.final."	mkdir
I renamed the "lyrics" directory to "lyrics.draft."	mv
I copied the "heart.ver5" file from "lyrics.draft" to "lyrics.final," renaming it "heart.final."	cp
I removed all the files from the "lyrics.draft" directory.	rm
I removed the "lyrics.draft" directory.	rmdir
I moved into the "lyrics.final" directory.	cd
I printed the "heart.final" file.	lpr
I counted the words in "heart.final."	wc
I listed the file attributes of "heart.final."	ls
I looked at the file type of "heart.final."	file
I obtained a list of my groups.	groups
I changed the group of "heart.final."	chgrp
I changed the permissions of "heart.final."	chmod

source: our text book