

UNIX CHEAT SHEET

KILL	Control-C	Kill a hanging program
Account	logout	exit my account
	passwd	change my password
	man	read manual (help) pages
Examine files, play with their data	more	page through a file (space goes to next page, b back, q to quit)
	head, tail	read first (last) 10 lines in a file (head -n 1 for just 1 line)
	diff	compare 2 files (no output means they're the same!)
	grep	search file(s) for lines containing certain text
	wc	count lines, words, and characters in a file
	cat	print a whole file (cat a b c > d to put files together)
	other commands	sort, uniq, cut, paste, join, man (see man pages)
Change files as a whole	cp	copy file (or copy files into dir: cp a b *.txt ../blah)
	mv	rename file (or move files into dir: mv d1/a d2/b ./)
	rm	delete file
	touch	update file timestamp (& create empty file if it doesn't exist)
	gzip, gunzip	compress (uncompress) a file
	tar	tar -xvf blah.tar unpacks a tar tar -cvf blah.tar dir packs a bunch of files into one file
Directory	ls	list directory contents or files (ls -ltr *.html)
	mkdir	make directory
	rmdir	remove directory
	cd	change current directory (cd .. goes up one directory)
	pwd	print working directory (i.e., where am I?)
Abbrevs & wildcards ("globs")	~	your home directory (~joe is joe's home directory)
	.	your current working directory (see pwd)
	..	directory one level up
	/	root of the entire directory tree
	*	matches any characters (or nothing at all)
Pipes and Redirecting Output	head file > zzz	put first ten lines into file zzz, OVERWRITE existing zzz
	head file >> zzz	same, but ADD to zzz if it exists
	ls -l more	view a long directory page by page
Command Line Navigation	Ctrl-A, Ctrl-E	go to beginning, end of line
	Left/Right	move one character left or right
	Up/Down	see (edit, rerun) previous commands

Unix has MANY commands not listed here. It also features:

- An entire programming language (loops, variables, etc. man csh for more info)
- Aliases (use a short word to mean a long command. man csh, look for "alias")