

UNIX COMMANDS CHEAT SHEET

Command	Example	Description
1. ls	ls ls -alF	Lists files in current directory List in long format
2. cd	cd tempdir cd .. cd ~/dhyatt/web-docs	Change directory to tempdir Move back one directory Move into dhyatt's web-docs directory
3. mkdir	mkdir graphics	Make a directory called graphics
4. cp	cp file1 web-docs cp file1 file1.bak	Copy file into directory Make backup of file1
5. rm	rm file1.bak	Remove or delete file
6. mv	mv old.html new.html	Move or rename files
7. man	man ls	Online manual (help) about command
8. head	head file1 head -100 file1	Display the first 10 lines in a file Display the first 100 lines in a file
9. tail	tail file1 tail -f file1	Display the last 10 lines in a file Display the contents of the file as it grows, last 10 lines at a time.
10. less	more index.html	Look at file, one page at a time
11. more	less index.html	Look at file, one page at a time
12. cat	cat index.html cat file1 file2	Print on the standard output Concatenate files
13. grep <str><files>	grep "bad word" file1	Look for occurrence of a certain pattern in a file
14. chmod <opt> <file>	chmod 644 *.html chmod 755 file.exe	Change file permissions read only Change file permissions to executable
15. ps <opt>	ps aux ps aux grep dhyatt	List all running processes by #ID List process #ID's running by dhyatt
16. kill <opt> <ID>	kill -9 8453	Kill process with ID #8453
17. history	history	Lists commands you've done recently
18. top	top	Print system usage and top resource hogs
19. pwd	pwd	Print name of current/working directory
20. gzip <file>	gzip bigfile gunzip bigfile.gz	Compress file Uncompress file
21. tar <file>	tar -cf subdir.tar subdir tar -xvf subdir.tar	Create an archive called subdir.tar of a directory Extract files from an archive file
22. ln -s <file> link	ln -s file link	Create symbolic link, link to file
23. df	df -h	Show disk space in human-readable format
24. du	du	Show directory space usage
25. nohup <command>	nohup cp file1 file2	Run a command immune to hang-ups,
26. <command> &	nohup cp file1 file2 &	Run a command in the background
27. ssh <user@host>	ssh dhyatt@seq.edu	Connect to host as user
28. wget <url/file>	wget http://seq.edu/file	Download file from valid url
29. scp	scp dhyatt@seq.edu:file1 dhyatt@anotherserver.edu:file2	Secure copy a file from one host to another