

UNIX Basics Tutorial Takeaways - Command Sheet

The COMET® Program 2015

	COMMAND	DESCRIPTION	USAGE or EXAMPLE
Paths			
	/	root directory if first character, or sub-directory if any other character	"cd /" Changes directory to the filesystem root
	.	current directory	"ls ." Lists the contents of the current directory
	..	directory one level up from current directory	"cd .." Changes to one level above current directory
Navigation & Content Listing			
	pwd	print working directory	pwd
	ls	list working directory contents	ls <i>option</i>
	ls -l	list working directory contents with a long-listing	ls -l
	cd	change directory	cd <i>directory</i>
File Management			
	cp	Copy file1 from directory1 to directory2 optionally renaming the file in the process.	cp <i>file1 file2</i> cp <i>directory1 directory2</i>
	mv	Move file1 from directory1 to directory2, optionally renaming the file in the process.	mv file1 file2 mv <i>directory1 directory2</i>
	rm	Remove a file from a directory	rm <i>-option file</i> rm <i>-option directory</i>
	rmdir	Remove an empty directory	rmdir <i>directory</i>

Search Commands			
	find	Find files recursively by their file name and list them.	find -name <i>string</i>
	grep	Find files by their contents and display the line from each file that contains that search string.	grep <i>search_string</i> <i>file</i>
Wildcards			
	*	any non-zero number of characters, digits, punctuation marks, or whitespaces	ls *.jpg ls file* ls *in*
	?	any single character, digit, punctuation mark, or whitespace	ls photo?.jpg find ???c
	[...]	A user-defined range of characters, digits, punctuation, or whitespace that takes up one space	ls file[0-9].jpg ls [a-z]ile.txt ls file[_ , .]name.txt