

CommandLineSnippets - Fundamentals of the Linux Command Line CheatSheet

Text File Readers	
output contents	cat
view contents	less
open Vim text editor	vim

File System Navigation	
current working directory	pwd
change directory	cd
list directory contents	ls
current directory	.
parent directory	..
home	~
previous directory	-

Wildcards	
any single character	?
variable of any length	*
of a particular class	[:class:]
any variables from characters	[characters]
any variables not from characters	[!characters]
all alpha-numeric	[:alnum:]
alphabets or digits	[:alpha/digit:]
lower or uppercase letters	[:lower/upper:]
int values from 0-9	[0-9]
all uppercase letters from A to Z	[A..Z]

Cursor Movement	
to bol/eol	^a/e
forward/backward one character	^f/b
forward/backward one word	alt+f/b
clear line and move to top	^l
delete at cursor location	^d
transpose letters/words	^/alt+t
upper/lower case to eol	alt+l/u
kill to eol/bol	^k/u
delete selected word	alt+d

Unix Help	
see where the command comes from	type
see where the executable resides	which
see a help page for a command	help
see manual	man
find appropriate command	apropos
check brief description	whatis

Pipelining & Filtering	
	pipeline
sort	sort alphabetically
uniq	omit any repeats from sorted list
grep	find lines with a certain pattern
head/tail	print out top/bottom n lines of output
tee	redirect to standard out and write to file

History	
history	list history
^r	search through history of commands
^j	copy the current line
^p/n	move to previous/next
alt+</>	move to beginning/end of the history list
!!	repeat the last command
!number	repeat history list number
!string	repeat last history item starting with string
!?string	repeat least item containing string

File Manipulation	
cp	copy
rm	remove
mv	move
mkdir	make directory
ln	create a hard link
ln -s	create a symbolic link
alias	assign commands to variable

Redirection	
>	write to
>>	append to
2>	send standard error to
&>	send standard error and out to
<	send as standard in

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