Grep / Sed Cheat Sheet

by [deleted] via cheatography.com/32887/cs/10205/

Pipeline Commands		
sort	Sorts the contents of a text file	
head [-n=num]	Prints the first num or 10 lines of the text file	
tail [-n=num]	Prints the last num or 10 lines of the text file	
Sed Commands		
Sed Commands sed -r 'action'	Apply action to all lines	

sed -r 'address!-	Apply action to lines that don't match
action'	address

Extended RegEx Search Pattern

Grep Commands

grep -E "..."

Sed Address Commands

blank	Match everything
line number	Match specific line
\$	Match last line of file
/regexp/	Match lines that match regex
line1,line2	Match lines between the limits
/regexp1/,/regexp2/	Match lines between the two regex
	occurances
line1,/ <i>regexp1</i> /	Matches all lines between line1 and the regex
/ <i>regexp2</i> /,line2	Matches all lines between the regex and line2

Sed Action Commands		
р	Print the line	
d	Delete the line	
s/ <i>regex\string</i> /	Change the first match of regex on the line to string	
s/ <i>regex/string</i> /2	Change the second match of regex on the line to string	
s/ <i>regex</i> / <i>string</i> /g	Change all matches of regex to string	
s/ <i>regex/string</i> /i	Case insensitive. Change the first match of regex on the line to string	
y/ <i>string1/string2</i> /	Transliterate corresponding characters	
i <i>string</i>	Insert a line before the current line	
a <i>string</i>	Insert a line after the current line	
Within a replacement string you can use: & - represents the matched regex \U \L \E \u \I - to do case conversion \1 \2 etc - to represent brackets in the regex		

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