

Vim

Navigation

set mouse=a	enable mouse
h,j,k,l	left, down, up, right
Ctrl+u / +d	half page up / down
Ctrl+f / +b	page up / down
zz / zt / zb	center / top / bottom cursor
Ctrl+E / Ctrl+Y	scroll up / down

History

:, Ctrl+f or q:	show command history
/, Ctrl+f or q/	show search history
:set history	show or set number of history elements
g / G	go to beginning / end of file

Visual

gv	reuse last selection
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Search and Replace

:set hlsearch	highlight search
:noh	remove current search highlight
:set incsearch	incremental search
/	initiate search
n / N	jump to next / previous match
Gn / GN	jump to first / last match
* / #	search forward / backward for current word
:s	initiate replace
*	0 or more of the preceeding character
\+	1 or more of the preceeding character
\s / \S	white space / non white space character
\w	word character
[2-3a-z]	range of characters
^	beginning of line, negation in char ranges
\$	end of line
\L,\U	next characters lower/upper case until \E
\l,\u	next character lower/upper case
\	alternation
\(\)	capture, reuse with \1 \2 \3

Windows		
:split or :sp <i>file</i>	split current window horizontally	
:vsplit or :vsp <i>file</i>	split current window vertically	
Ctrl+ww	switch to next window	
Ctrl+w h,j,k,l	switch to another window	
Ctrl+w H,J,K,L	move current window	

Tabs		
:tabs	list all tabs	
:tabnew	open a new empty tab	
:tabedit or :tabe <i>file</i>	open new tab with <i>file</i>	
:tab split	open new tab with the same buffer	
gt / gT	go to next / previous tab	

Bash / Shell		
List and find		
ls -lah	list long, all, human	
ls -Sr / -tr	sort by size / time (r for reverse)	
ls -l wc -l	count files and folders	
ls -lp grep -v / wc -l	count only files	

Piping and Redirecting		
> file	redirect stdout to file	
>> file	redirect stdout to file (append)	
2> file	redirect stderr to file	
> file 2>&1	redirect stdout and stderr to file	
tee -a file	pipe stdout to stdout and write to file (-a for append)	

SSH / SFTP		
ssh -YC	X11 forwarding	
ssh -p <i>port</i>	specify ssh port	
ssh -L <i>port:host:hostport</i>	bind local port to hostport	
sftp -P <i>port</i>	specify sftp port	

Git		
reset	unstage / unadd	
reset --hard	reset everything to last commit	
checkout -- file	reset file to last committed state	
checkout -b <i>branch</i>	create new branch <i>branch</i> and co	

git remote		
remote -v	list remotes with url	
add <i>name url</i>	add remote	
set-url <i>name url</i>	change <i>url</i> of remote <i>name</i>	