

### Ls

-l	List view
-a	Show hidden files
-h	Human readable file sizes
-R	Recursive
-r	Reverse sort
-S	Sort by file size
-t	Sort by modification time
-X	Sort by file extension

### Bash Commands

C-x C-e	Open command in editor
A-	Paste argument from previous command
C-c	Interrupt process
C-z	Send process to background
fg	Recover backgrounded process
C-s	Freeze output
C-q	Resume output
C-r	Search for command in history (repeat C-r to search back further)

### Grep

-r	Recursion
-i	Case insensitive
-n	Show line numbers
-v	Inverted search
-c	Counts matches per file
-l	List files that match
-L	List files that don't match

grep -options pattern file

### Tmux

tmux	Start new tmux session
tmux	Attach to previous tmux session
att	
C-b c	Create window
C-b n	Next window
C-b p	Previous window
C-b d	Detach from tmux session
C-b s	Choose tmux session
C-b w	Choose tmux window
C-b %	Split window horizontal
C-b "	Split window vertical
C-b o	Toggle between panes in current window

### Permissions

chown	Change owner to user:group
user:group file	user:group
chown -R	Change owner to user:group recursively
user:group directory	user:group recursively
chmod bitmask file	Set permissions to bitmask
chmod -R	Set permission to bitmask recursively
bitmask file	bitmask recursively
sudo -u	Execute command as username
username	username
command	

Read = 4, Write = 2, Execute = 1  
Add the numbers together to get the correct mask.

Ex: read, write execute = 4+2+1 = 7

Ex2: read, execute = 4+1 = 5

### Manipulating text

C-w	Delete word before cursor
A-d	Delete word after cursor
C-k	Delete until EOL
C-u	Delete until BOL
C-t	Move character backwards
A-t	Move word backwards
C-y	Paste last deletion

### Less

gg	Go to BOF
G	Go to EOF
/term	Search for term
?term	Search for term backwards
n	Repeat search
N	Repeat search backwards
q	Quit

### Moving around

C-f	Cursor forwards
C-b	Cursor backwards
A-f	Cursor forwards 1 word
A-b	Cursor backwards 1 word
C-e	Cursor to EOL
C-a	Cursor to BOL
C-xx	Jump to BOL and back



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