

The cheatsheet is organized into several sections around a central navigation hub:

- EDITING**:
 - r: replace single character
 - R: enter replace mode
 - Z: join line below to current one with one space in between them
 - sj: join line below to current one with no spaces
 - c: change entire line
 - C: change to the end of line
 - o: change with (O)buffer: wmbSPfflta (Oo: change lower word)
 - s: delete character and substitute text
 - S: delete line and substitute text
 - x: delete line with movement
 - xb: transpose two letters (ix -> xi)
 - u: undo
 - ~: redo
 - ~: repeat last command
- CUT & PASTE**:
 - yy/Y: yank single line
 - YY: yank # of lines
 - Yw: yank from cursor to start of next word
 - Y\$e: yank # of lines with movement (Y\$B|)
 - *yy: yank current line into named buffer a
 - P: put (paste) after the cursor
 - p: put (paste) before the cursor
 - "P: put text from buffer a before cursor
 - dd: delete current line
 - ddM: delete # of lines downward from cursor
 - ddm: delete # of lines with movement
 - D: delete to end of line
 - dw: delete until word
 - x: delete character at cursor
 - X: delete backwards from cursor
- SCREEN MOVEMENT**:
 - zz: cursor line to center of screen
 - zt: cursor line to top of screen
 - zb: cursor line to bottom of screen
 - ^: move screen forward one line
 - ~: move screen backward one line
 - ~: move forward half a screen
 - ~: move backward half a screen
 - ~: move forward a full screen
 - ~: move backward a full screen
 - Note: In command mode, ~ means Ctrl
- VISUAL MODE**:
 - v: start visual mode, mark lines, then perform a command (like yppk)
 - V: start linewise visual mode
 - O: move to other end of marked area
 - ~: start visual-block mode
 - O: move to other corner of a block
 - aw: highlight/reflect a word
 - abw: a block with (A|)
 - ibw: inner-block with (Y|C)
 - Esc: exit visual mode
- MARK POSITION**:
 - mc: mark current position as c
 - 'c: move cursor to c
 - '': return to previous context
 - ''': move to the beginning of the line containing mark c
 - ``: list of marks
- REGISTER**:
 - reg: show registers content
 - *y: yank into register x
 - *p: paste contents of register x
- HOW TO CHANGE TO VISUAL MODE**:
 - To be efficient in Vim, learning commands is not enough. To accomplish editing tasks efficiently, you must learn to think in "whole NEOVIM WORD" sentences. Because Vim is a symbol language with a formal grammatical structure, those Vim idiom describe what you want to do in a compact natural way and are the heart of Vim mastery.
 - VBMS are the thing you want to do - (C)change, (D)delete, (C)copy, (C)visual etc.
 - MOVING things like moves are understood - (C)line, (C)line, (C)line, (C)line, etc.
 - MARKS are what you are editing - (C)ord, (C)instance, (C)3paragraph, (C)block, etc.
 - Some examples:
 - das: delete inside word to delete word under cursor
 - cw: change the lower word, respecting delimitation
 - c"': change inside quotation marks to change string inside next marks
 - cix: change everything from the cursor till the letter x
 - vap: visually select (around) this paragraph
 - PL: copy everything inside the parentheses
 - d2fwo: delete from here until the second occurrence of "foo"
 - f\$w# find the next occurrence of "#", move forward 2 words, and change word
 - TP: lbr is for line ending. If you see white then more than a few lines, there's probably a new efficient way to move or something that you're doing. Stop and think to yourself.
- INSERT MODE**:
 - I: insert before the cursor
 - i: insert at the beginning of the line
 - A: append after the cursor
 - o: open new line below the current one
 - O: open new line above the current one
 - ea: append at the end of the word
 - gI: insert text # times
 - Esc: exit insert mode
- SEARCH**:
 - /pattern: search for pattern
 - ?pattern: search for pattern backwards
 - Search pattern: #fnds...
 - *: the character a
 - *a: line beginning with char a
 - [abc]: string containing any of the letters (in the brackets), john or joan
 - \: disable other special meaning A, M, AA
 - xly: x or y
 - r,d: rad or rod or rid, period matches any single character
 - ~: the, theator or then
 - the>: the or breathe
 - \v: the\ the
- REPLACE**:
 - s/old/new: replace next old with new
 - s/old/new/g: replace instances of old with new in current line
 - s/old/new/g: replace all old with new throughout file
 - s/old/new/g: replace all old with new in file with combinations
 - 2,5d/4y/1: replace instances of a with y between lines 2 to 5 inclusive, leaving one
 - [g/]/1/d: delete lines containing/ not containing instances of string a
- MISCELLANEOUS COMMANDS**:
 - wq or ZZ: write (save) and quit file
 - !et: write file overriding protection
 - q! quit file (disregarding any changes)
 - : command give vim's commands
 - :r file read file contents into curr. file
 - map x <C>: define keystroke x as a command instance
 - unmap x: disable the map for x
 - :ab a p: abbreviate p as a when a is typed in insert mode, it returns to full words or phrases (p)
 - unab a: disable abbreviation for a
 - :set <all>: display options set by user, if all are included, shows default options as well
 - :set o: activate option o
 - :set omv: assign value v to option o
 - :set noo: deactivate option U
- MACROS**:
 - qa: record macro of register 'a'
 - q: stop recording macro
 - @@: run macro at register 'a'
 - BB: run macro

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