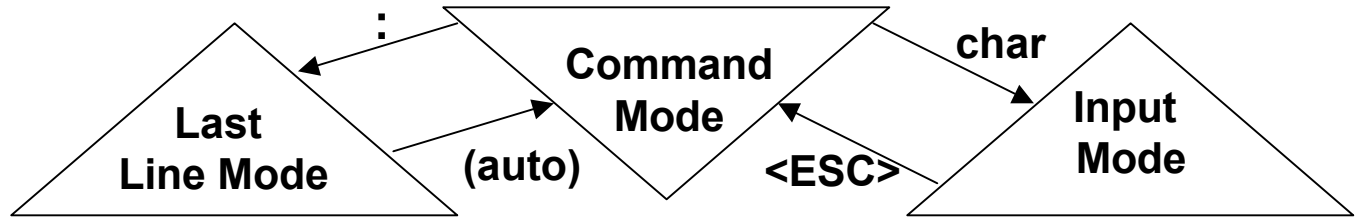


vi Reference Sheet



Saving Files and Exiting:

w Save
 w filename Save As filename
 wq Save and Quit
 q Quit
 q! Quit, ignore changes

Session Settings:

set nu Show line numbers
 set nonu Turn off line numbers
 set list Show invisible characters

Search Functions:

/expression Search forward for expression (i.e. /dog finds the next string "dog")
 ?expression Search backward (note searches can be repeated in Command Mode, look under Search Functions)

Move and Insert Text:

3,8d Delete lines 3-8
 4,9m 12 Move lines 4-9 to line 12
 2,5t 13 Copy lines 2-5 to line 13
 5,9w file Write lines 5-9 to file named "file"

Screen/Line Movement:

{arrow keys} navigate text
 0 (zero) goto start of line
 \$ goto end of line
 % goto matching brace or paren.
 G goto last line
 {number} goto line number

Word Movement:

W go forward 1 word
 3W go forward 3 words
 B go back 1 word
 3B go back 3 words

Search Functions:

n repeat last search
 N reverse last search

Delete text:

x delete 1 character
 dw delete 1 word
 dd delete 1 line
 D delete to end of line
 4dd delete 4 lines

Undo/Redo:

u undo last change
 . Redo last change

Copy and Insert text:

Y Yank a copy of line
 5Y Yank a copy of 5 lines
 p insert (put) below cursor
 P insert (put) above cursor

Joining lines:

J Join next line to current
 4J Join 4 lines to current

Add/Insert text:

a Append after cursor
 A Append at end of line
 i Insert before cursor
 5i Insert text 5 times
 I Insert at beginning of line
 o start a line below cursor
 O start a line above cursor (letter O)

Overwrite existing text:

r replace one character
 R replace/overwrite a line

Notes: vi has 3 modes, Command Mode, Input Mode, and Last Line Mode.

When you start vi, you will be in Command Mode. In Command Mode you can navigate through the text using the arrow keys, delete letters, words, or lines, and undo or redo changes.

To start typing, you must be in Input Mode. Switch to Input Mode by typing one of the characters listed in the Input Mode column. You may not use the arrow keys to navigate through text in Input Mode. To exit it Input Mode, hit the <Esc> key. This will bring you back to Command Mode.

In order to save your file and exit vi you must be in Last Line Mode (LLM). To get into LLM, first get into Command Mode by typing <Esc>, then type ":" (without the quotes). You will know that you are in LLM because a : will appear at the very bottom of your screen. You can only execute one command at a time in LLM. After a command is entered, you will automatically be returned to Command Mode. In LLM you may search through your file, move text, or jump to a specific line, as well as saving your files and exiting vi.