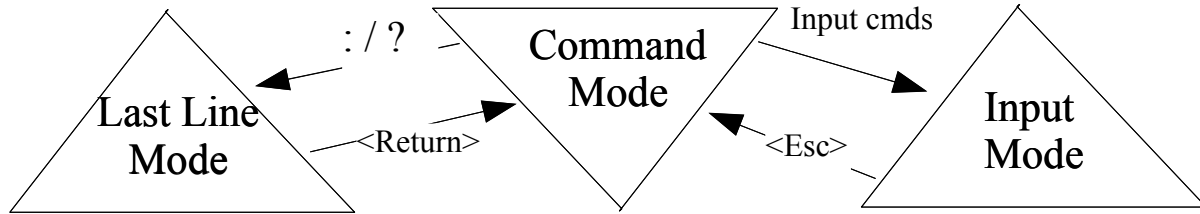


vi editor basics

a	Append text after cursor.	h	Move cursor left (left arrow; backspace)
A	Append text at the end of the line.	j	Move cursor down (down arrow)
i	Insert text before the cursor.	k	Move cursor up (up arrow)
I	Insert text at the beginning of the line.	l	Move cursor right (right arrow, spacebar)
o	Open a new line below the cursor.		
O	Open a new line above the cursor.	H	Move to top of screen.
w	Move forward one word.	M	Move to middle of screen.
W	Move forward one word past punctuation.	L	Move to bottom of screen.
b	Move backward one word.		
B	Move backward one word past punctuation.	CTRL-f	Page forward one screen.
e	Move forward at end of word.	CTRL-d	Scroll down one-half screen.
E	Move forward at end of word past punctuation.	CTRL-b	Page back up one screen.
x	Delete character at cursor.	CTRL-u	Scroll up one-half screen.
X	Delete character left of cursor.		
		:5,10d	Delete lines 5 through 10.
D	Delete line to right of cursor.	:1,3co 5	Copy lines 1 to 3; put after line 5.
dw	Delete word right of cursor.	:4,6m 8	Move lines 4 to 6 to line 8
ndw	Delete <i>n</i> number of words.		
dd	Delete line containing the cursor.	cw	Change word.
ndd	Delete <i>n</i> lines.	ncw	Change <i>n</i> words.
dG	Delete to end of FILE.	nyy	Yank <i>n</i> lines (copy).
		Y	Yank current line.
R	Overwrite characters on line.	p	Put yanked/deleted line(s) below current line.
r	Replace one letter only.	P	Put yanked/deleted line(s) above current line.
C	Change from cursor to end of line.	:r insert_file	Insert <i>insert_file</i> below the current line.
s	Substitute string for character.	:n r insert_file	Insert <i>insert_file</i> after line number <i>n</i> .
J	Join current line and line below current line.		
xP	Transpose/switch letters.	u	Undo previous command.
~	Change case of letter.	U	Undo all changes to current line.
		:u	Undo previous last line command.
:w	Save changes.		
:w new_file	Save with name <i>new_file</i>	:set nu	Show line numbers.
:w! existing	Overwrite existing file <i>existing</i>	:set nonu	Hide line numbers,
:wq	Save changes and quit vi.	:set ic	Search ignore case.
ZZ	Save changes and quit vi	:set noic	Search case sensitive
:q!	Quit without saving.	:set list	Display invisible characters (tabs)
		:set nolist	Don't display invisible characters.
G	Go to last line.	:set showmode	Show current mode of operation.
1G	Go to first line of file.	:set noshowmode	Don't show current mode of operation.
:21	Go to line 21.	CTRL-L	Clear scrambled screen.
21G	Go to line 21.		
/string	Search forward for <i>string</i>		
?string	Search backward for <i>string</i>		
n	Find next occurrence of <i>string</i>		
N	Find previous occurrence of <i>string</i>		
:s/this/that	Change first occurrence of <i>this</i> to <i>that</i> on current line.		
:s/this/that/g	Change all occurrences of <i>this</i> to <i>that</i> on current line.		
:%s/this/that	On all lines, change first occurrence of <i>this</i> to <i>that</i> .		
:%s/this/that/g	On all lines, change all occurrences of <i>this</i> to <i>that</i> .		

vi Detailed Reference



Search Functions

/exp Go forward to *exp*
?exp Go backward to *exp*

Move and Insert Text

:3,8d Delete lines 3-8
:2,4m 9 Move lines 2-4 to 9
:2,4co 9 Copy lines 2-4 to 9
:5,9w file Write lines 5-9 to *file*

Substitution Functions

:s/old/new Change *old* to *new*
:%s/old/new/g Change all *old* to *new*

Save Files and Exit

:w Write buffer to disk
:w newfile Write buffer to *newfile*
:w! file Write absolutely
:q Quit vi
:q! Quit absolutely
:e! Re-edit, discarding changes

Control Edit Session

:set nu Display line numbers
:set nonu Don't show line numbers
:set all Show all settings
:set list Display invisible chars
:set showmode Display editing mode

Other Useful Features

:r file Read in *file*
!:command Execute shell *command*
:sh Exit to shell
:| Shell cmd results to file
ZZ Write and quit

Screen/Line Movement

j ↓ *k* ↑ *h* ← *l* →
0 Go to line start
\$ Go to line end
G Go to last line in file
3G Go to line 3
CTRL-g Show line number
CTRL-f Go forward 1 screen
CTRL-b Go backward 1 screen

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 previous search
N Reverse previous search

Delete Text

x Delete one character
dw Delete one word
dd Delete one line
D Delete to end of line
d0 Delete to beginning of line
dG Delete to end of file

Cancel/Redo Functions

u Undo last change
. Do last change again

Copy and Insert Text

Y Yank a copy of a line
5Y Yank a copy of 5 lines
p Put below cursor
P Put above cursor

Word Processing Functions

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

Add/Append Text

a Append after cursor
A Append at line end
i Insert before cursor
5i Insert text 5 times
I Insert at beginning of line

Add New Lines

o Open a line below cursor
O Open a line above cursor

Change Text

cw Change a word
3cw Change 3 words
C Change line
r Replace one character
R Replace/type-over line