

Cursor Positioning Commands

j	Moves cursor down one line, same column.
k	Moves cursor up one line, same column.
h	Moves cursor back one character.
l	Moves cursor forward one character.
Return	Moves cursor to beginning of next line.
O	Moves cursor to beginning of current line.
\$	Moves cursor to end of current line.
Space	Moves cursor forward one character.
G	Moves cursor to beginning of last line of file.
nG	Moves cursor to beginning of line <i>n</i> .
b	Moves the cursor backward to the beginning of the previous word.
e	Moves the cursor backward to the end of the next word.
w	Moves the cursor forward to the next word.

Text Insertion Commands: Change vi into text input mode until Esc key is input.

a	Appends text after cursor.
A	Appends text at the end of the line.
i	Inserts text before cursor.
I	Inserts text at the beginning of the line.
o	Opens new line below the current line for text insertion.
O	Opens new line above the current line for text insertion.
DEL	Delete the current character.

Screen Commands

Ctl-l	Reprints current screen.
Ctl-e	Exposes one more line at bottom of screen.
Ctl-f	Pages forward one screen.
Ctl-b	Pages back one screen.
Ctl-d	Pages down half screen.
Ctl-u	Pages up half screen.

Text Search Commands

/text	Moves cursor forward to next occurrence of <i>text</i> .
?text	Moves cursor backward to next occurrence of <i>text</i> .
n	Repeats last / or ? <i>text</i> search.

Text Deletion Commands (The most recent deleted text will be put in the undo buffer.)

x	Deletes current character.
dd	Deletes current line.
ndd	Deletes <i>n</i> lines.
dw	Deletes the current word.
ndw	Deletes <i>n</i> words.
d)	Deletes the rest of the current sentence.
d}	Deletes up to next paragraph.
d/text	Deletes up to first occurrence of <i>text</i> .

Undo Commands

u	Undo the last command.
U	Undo all changes on the current line.

Save and exit Command

ZZ Saves and exits vi.

Changing Commands

cw Changes characters of current word.
c\$ Changes text up to the end of the line.
 \sim Changes case of current character.
J Joins current line with next line.
s Deletes the current character and goes into the insertion mode.
rx Replaces current character with *x*.
R Replaces the following characters until escape key pressed.

Cut and Paste Commands

yy Puts (yanks) the current line in the undo buffer.
:n,my Puts (yanks) lines *n* to *m* in the undo buffer.
p Places the contents in the buffer before the cursor.
P Places the contents in the buffer after the cursor.

Ex Commands: Format **:[line range]command[options]**

:r filename Read the file, *filename*, and inserts it after the cursor.
:R filename Read the file, *filename*, and inserts it before the cursor.
:q! Quits vi without saving changes.
:wq Writes changes to current file and quits.
:w! Writes changes to current file.
:w filename Writes a copy to the file, *filename*.
:n,mw filename Writes lines *n* to *m* to *filename*.
:n,mw >> filename Appends lines *n* to *m* to *filename*.
:set nu Turns on numbers before the lines.
:set nonu Turns off numbers before the lines.
:set sm Turns on show-match, (), [], {}, etc.
:set nosm Turns off show-match, (), [], {}, etc.
:n Moves to line number *n*.

Ex Command for search and replace: rule2ex0ex

Format **:[line range]s[/oldtext/newtext/][options]**

:s/oldtext/newtext/ Substitutes *newtext* for the first occurrence of *oldtext* in the current line.
:s/oldtext/newtext/g Substitutes *newtext* for every occurrence of *oldtext* in the current line.
:s/oldtext/newtext/gc Same as above, plus prompts for confirmation before each change.
:n,ms/oldtext/newtext/gc Same as above except the replacement takes place in lines *n* to *m*.
:%s/oldtext/newtext/gc Same as above except the range now is the entire file.
:%s/oldtext/newtext/gc Same as above except the range now is the entire file.
:n,\$s/oldtext/newtext/gc The range is line *n* to the last line of the file.