### **File Operations**

**filename** Open a new file. You can use the Tab key for automatic file name completion, just like at the shell command prompt.

Save changes to a file. If you don't specify filename a file name, Vim saves as the file name you were editing. For saving the file under a different name, specify the file name.

**:q!** Exit Vim without saving changes.

**:wq** Write the file and exit.

Almost the same as :wq, write the file and exit if you've made changes to the file. If you haven't made any changes to the file, Vim exits without writing the file.

# **Document Navigation**

**j or Up** Move the cursor up one line.

k or Down Down one line.

h or Left Left one character.

I or Right Right one character.

- To the end of a word.
- To the end of a whitespace-delimited word.
- **b** To the beginning of a word.
- **B** To the beginning of a whitespace-delimited word.
- To the beginning of a line.
- To the first non-whitespace character of a line.
- **\$** To the end of a line.
- **H** To the first line of the screen.
- **M** To the middle line of the screen.
- To the the last line of the screen.
- Jump to line number n. For example, to jump to line 42, you'd type :42

#### **Document Manipulation**

- Change the case of characters. This works both in visual and command mode. In visual mode, change the case of highlighted characters. In command mode, change the case of the character uder cursor.
- > (V) Shift right (indent).
- < (V) Shift left (de-indent).
- **c (V)** Change the highlighted text.
- **y (V)** Yank the highlighted text. In Windows terms, "copy the selected text to clipboard."
- **d (V)** Delete the highlighted text. In Windows terms, "cut the selected text to clipboard."
- yy or :y Yank the current line. You don't need to or Y highlight it first.
- **dd or :d** Delete the current line. Again, you don't need to highlight it first.
  - Put the text you yanked or deleted. In Windows terms, "paste the contents of the clipboard". Put characters after the cursor. Put lines below the current line.
  - P Put characters before the cursor. Put lines above the current line.

#### **Text Deletion**

- **x** Delete characters under the cursor.
- **X** Delete characters before the cursor.

**dd or :d** Delete the current line.

#### **Overwriting and Inserting**

- i Insert before cursor.
- Insert to the start of the current line.
- **a** Append after cursor.
- A Append to the end of the current line.
- Open a new line below and insert.
- Open a new line above and insert.
- **C** Change the rest of the current line.
- Overwrite one character. After overwriting the single character, go back to command mode.
- **R** Enter insert mode but replace characters rather than inserting.
- **ESC** Exit insert/overwrite mode and go back to command mode.

# Find throughout Document

**/pattern** Search the file for pattern.

- **n** Scan for next search match in the same direction.
- N Scan for next search match but opposite direction.

#### Undo

- Undo the last action.
- U Undo all the latest changes that were made to the current line.

Ctrl+r Redo.

## Highlighting

- Start highlighting characters. Use the normal movement keys and commands to select text for highlighting.
- **V** Start highlighting lines.
- **ESC** Exit visual mode and return to command mode.