# Cheatography

## Vim ShortcutFoo Cheat Sheet
by BradRhodes via cheatography.com/21055/cs/3899/

### Beginner Text Navigation

| | |
|---|---|
| k | Move up one line |
| j | Move down one line |
| h | Move left one character |
| l | Move right one character |
| e | Move to end of word |
| b | Move to beginning of word |
| $ | Move to end of line |
| O | Move to beginning of line |
| H | Move to first line of screen |
| M | Move to middle line of screen |
| L | Move to last line of screen |
| w | Move to next word |
| b | Move to previous word |

### Beginner Text Editing

| | |
|---|---|
| ce | Change rest of current word |
| dw | Delete word |
| i | Insert |
| I | Insert at start of line |
| a | Append |
| A | Append at end of line |
| o | Insert new line below |
| O | Insert new line above |
| r | Change char and return to cmd mode |
| R | Enter replace mode |
| ESC | Go to command mode |

### Intermediate Text Navigation I

| | |
|---|---|
| fw | Move to next 'w' on line |
| Fw | Move to previous 'w' on line |
| tw | Move before next 'w' on line |
| Tw | Move before previous 'w' on line |
| ; | Repeat last f, F, t, or T |
| 5j | Move down 5 lines |
| 5k | Move up 5 lines |

### Intermediate Text Navigation II

| | |
|---|---|
| 5w | Move 5 words forward |
| 5b | Move 5 words backward |
| ctrl+e | Scroll down |
| ctrl+y | Scroll up |
| gg | Go to beginning of file |
| G | Go to end of file |
| 12G | Go to line 12 |
| ctrl+f | Move forward one screen |
| ctrl+b | Move backward one screen |

### Intermediate Text Editing I

| | |
|---|---|
| yy | Yank (copy) line |
| y$ | Yank (copy) to end of line |
| ye | Yank (copy) to end of word |
| dd | Delete (cut) current line |
| 5dd | Delete 5 lines |
| d2w | Delete (cut) next 2 words |
| D | Delete (cut) to end of line (one char) |
| p | Paste |

### Intermediate Text Editing II

| | |
|---|---|
| P | Paste before cursor |
| u | Undo |
| U | Undo all changes to current line |
| ctrl+r | Redo |
| . | Repeat last change |
| 5. | Repeat last change 5 times |
| de | Delete (cut) to end of word |
| d$ | Delete (cut) to end of line |

### Advanced Text Navigation

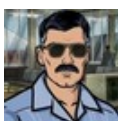| | |
|---|---|
| ^ | Move to first non-whitespace char |
| 20| | Go to column 20 |
| ctrl+o | Move to older position |
| ctrl+i | Move to newer position |
| zt | Scroll current line to top of window |

### Visual Mode

| | |
|---|---|
| :w filename↵ | Write selection to 'filename' |
| v | Visual mode select characters |
| V | Visual mode highlight lines |
| ~ | Swap case |
| > | Shift right |
| < | Shift left |
| c | Change highlighted text |
| y | Yank (copy) highlighted text |
| d | Cut highlighted text |
| = | Re-indent selection |

### Window Management

| | |
|---|---|
| :e filename↵ | Set current buffer to 'filename' |
| :sp↵ | New window above |
| :vs↵ | New window to left |
| :q↵ | Close current window |
| :qa↵ | Close all windows |

### File Management

| | |
|---|---|
| :q!↵ | Quit without saving |
| :wq↵ | Save and exit |
| :x↵ | Save and exit if modified |
| :r filename↵ | Read and insert 'filename' |
| :r !cmd↵ | Execute and insert results of 'cmd' |
| :!rm filename↵ | Delete 'filename' |
| :e↵ | Open new file |
| ctrl+g | Show file info |
| ga | Show character info |
| :w↵ | Save changes |
| :q↵ | Quit |

## Bookmarks

| | |
|---|---|
| :marks↵ | Show bookmarks |
| ma | Mark position 'a' |
| `a | Go to bookmark position 'a' |
| `` | Go to previous position |

## Replace

| | |
|---|---|
| :s/foo/bar↵ | Replace first 'foo' with 'bar' on line |
| :s/foo/bar/g↵ | Replace all 'foo' with 'bar' on line |
| :%s/foo/bar/g↵ | Replace all 'foo' with 'bar' in file |
| :%s/foo/bar↵ | Replace first 'foo' with 'bar' on every line |
| :s/foo/bar/gc↵ | Confirm replace all 'foo' with 'bar' on line |
| :s/foo/bar/i↵ | Ignore case replace first 'foo' with 'bar' |
| rx | Replace current char with 'x' |
| :%s/foo/bar/gc↵ | Confirm replace all 'foo' with 'bar' in file |
| :2,9s/foo/bar/g↵ | Replace all 'foo' with 'bar' between lines 2 and 9 |

## Search

| | |
|---|---|
| /foo↵ | Search forwards for 'foo' |
| ?foo↵ | Search backwards for 'foo' |
| n | Search next |
| N | Search previous |
| * | Search for current word forward |
| :set nois↵ | Turn off incremental search |
| :set ic↵ | Set ignore case |
| :set is↵ | Set incremental search |
| :set hls | Set highlight matching phrases |

## Misc

| | |
|---|---|
| vim -t foo↵ | Start editing where foo is defined |
| :help cmd↵ | Lookup 'cmd' in help |
| :make↵ | Run make |
| :!ls↵ | Run 'ls' command |
| ctrl+n | Move autocomplete forward |
| ctrl+p | Move autocomplete backward |
| ctrl+x | Move language autocomplete forward |
| ctrl+o | Move language autocomplete backward |
| K | Look up word in man pages |
| yw | Yank to beginning of next word |

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