

### Basics

<b>h</b>	Move left
<b>j</b>	Move down
<b>k</b>	Move up
<b>l</b>	Move right
<b>i</b>	Insert mode
<b>jj</b>	Normal mode
<b>gh</b>	Mouse hover

**{count}{motion}** Repeat **{motion}** **{count}** times

### Horizontal Movement

<b>0</b>	Jump to the start of the line
<b>\$</b>	Jump to the end of the line
<b>_</b>	Jump to the first non-blank character of a line
<b>g_</b>	Jump to the last non-blank character of a line

### Vertical Movement

<b>gg</b>	Go to the first line of the document
<b>G</b>	Go to the last line of the document
<b>{line}gg</b>	Go to <b>{line}</b>
<b>}</b>	Jump to next paragraph
<b>{</b>	Jump to previous paragraph
<b>)</b>	Jump to next sentence
<b>(</b>	Jump to previous sentence
<b>%</b>	Jump to matching <b>()</b> , <b>[]</b> , <b>{}</b>
<b>gd</b>	Go to definition
<b>gD</b>	Open definition aside
<b>gf</b>	Go to file under the cursor
<b>H</b>	Jump to top of screen
<b>M</b>	Jump to middle of screen
<b>L</b>	Jump to bottom of screen
<b>Ctrl + e</b>	Move screen down one line
<b>Ctrl + y</b>	Move screen up one line
<b>Ctrl + d</b>	Jump forward 1/2 a screen
<b>Ctrl + u</b>	Jump back 1/2 a screen

### Word Movement

<b>w</b>	Jump to the beginning of the next word
<b>W</b>	Jump to the beginning of the next WORD
<b>e</b>	Jump to the end of the next word
<b>E</b>	Jump to the end of the next WORD
<b>b</b>	Jump to the beginning of the previous word
<b>B</b>	Jump to the beginning of the previous WORD
<b>ge</b>	Jump to the end of the previous word
<b>gE</b>	Jump to the end of the previous WORD

### Insert Mode

<b>i</b>	Insert before cursor
<b>I</b>	Insert at the beginning of the line
<b>a</b>	Insert (append) after the cursor
<b>A</b>	Insert (append) at the end of the line
<b>o</b>	Insert a new line below the current line
<b>O</b>	Insert a new line above the current line
<b>ea</b>	Insert (append) at the end of the word
<b>Ctrl + h</b>	Delete character before the cursor during insert mode
<b>Ctrl + w</b>	Delete word before the cursor during insert mode
<b>gi</b>	Go to last place you left insert mode
<b>jj</b>	Exit insert mode

### Visual Mode

<b>v</b>	Go into character-wise visual mode
<b>V</b>	Go into line-wise visual mode
<b>Ctrl + v</b>	Go into block-wise visual mode
<b>aw</b>	Select a word
<b>iw</b>	Select inner word
<b>ab</b>	Select a block with <b>()</b>
<b>ib</b>	Select inner block with <b>()</b>
<b>aB</b>	Select a block with <b>{}</b>
<b>iB</b>	Select inner block with <b>{}</b>
<b>at</b>	Select a block with <b>&lt;&gt;</b> tags
<b>it</b>	Select inner block with <b>&lt;&gt;</b> tags



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### Visual Mode (cont)

<b>o</b>	Move to other end of marked area
<b>O</b>	Move to other corner of block
<b>y</b>	Yank selected text
<b>d</b>	Delete marked text
<b>u</b>	Changed selected text to lowercase
<b>U</b>	Changed selected text to uppercase
<b>af</b>	Select increasingly bigger blocks of text
<b>gb</b>	Adds an additional cursor

**{motion}{operator}** *In visual mode first you specify the motion to select text and then you apply the operator*

### Vim Surround

<b>ds{existing}</b>	Delete <b>{existing}</b> surround
<b>cs{existing}{desired}</b>	Change <b>{existing}</b> surround to <b>{desired}</b>
<b>ys{motion}{desired}</b>	Add <b>{desired}</b> surround to text defined by <b>{motion}</b>
<b>S{desired}</b>	Surround selection when in visual mode

### VSCode Keybindings

<b>Ctrl + p</b>	Open command palette
<b>&gt;</b>	List every command
<b>@</b>	List every local symbol
<b>Ctrl + Shift + .</b>	Open local symbol list
<b>#</b>	List every global symbol
<b>Ctrl + Shift + ñ</b>	Create new terminal
<b>Ctrl + ñ</b>	Toggle terminal
<b>Ctrl + PageDown</b>	Focus next terminal group
<b>Ctrl + PageUp</b>	Focus previous terminal group
<b>Alt + DownArrow</b>	Focus next terminal in group
<b>Alt + UpArrow</b>	Focus previous terminal in group

### Tabs

<b>gt</b>	Move to next tab
<b>gT</b>	Move to previous tab
<b>{number}gt</b>	Move to tab <b>{number}</b>
<b>&lt;leader&gt;tt</b>	Create new tab
<b>&lt;leader&gt;tc</b>	Close tab
<b>&lt;leader&gt;to</b>	Close all tabs but the current one
<b>&lt;leader&gt;tl</b>	Move tab to the right
<b>&lt;leader&gt;th</b>	Move tab to the left
<b>&lt;leader&gt;tn</b>	Move the tab to the group on the right
<b>&lt;leader&gt;tp</b>	Move the tab to the group on the left
<b>&lt;leader&gt;te</b>	Even tabs widths

### Editing

<b>r</b>	Replace a single character
<b>R</b>	Replace until ESC is pressed
<b>x</b>	Delete a character
<b>X</b>	Delete character before the cursor
<b>s</b>	Delete character and substitute text
<b>d</b>	Delete up to <b>{motion}</b>
<b>dd</b>	Delete line
<b>&lt;leader&gt;dd</b>	Delete to void
<b>D</b>	Delete to the end of the line
<b>c</b>	Change up to <b>{motion}</b>
<b>cc</b>	Change a line
<b>C</b>	Change to the end of the line
<b>y</b>	Yank (copy) <b>{motion}</b>
<b>yy</b>	Yank a line
<b>Y</b>	Yank a line. (= yy)
<b>p</b>	Paste
<b>P</b>	Paste before the cursor
<b>~</b>	Switch case
<b>g~</b>	Switch case up to <b>{motion}</b>
<b>g~~</b>	Switch case of a line
<b>gu</b>	Switch to lowercase up to <b>{motion}</b>
<b>gU</b>	Switch to uppercase up to <b>{motion}</b>
<b>&gt;</b>	Shift text right



### Editing (cont)

<	Shift text left
<leader>j	Join lines
gcc	Toggle line comment
gC	Toggle block comment
yyp	Duplicate line
ddp	Swap lines
xp	Swap characters
=	Format
.	Repeat last command

**{operator}{count}{motion}** Apply **{operator}** on **{motion}**

### Search

/ {pattern}	Search for {pattern}
? {pattern}	Search for {pattern} backwards
/	Repeat last search forwards
?	Repeat last search backwards
n	Go to next match
N	Go to previous match
{operator}gn	Apply {operator} on next match
Ctrl + n	Clear highlighted text

**{pattern}** is a regex

### Find Character

f{character}	Jump to next occurrence of {character}
F{character}	Jump to previous occurrence of {character}
t{character}	Jump to before next occurrence of {character}
T{character}	Jump to after previous occurrence of {character}
;	Repeat previous f, t, F or T
,	Repeat previous f, t, F or T backwards

### Vim Easymotion

<leader><leader>w	Start of words
<leader><leader>b	Start of words backwards
<leader><leader><leader>bdw	Start of words everywhere
<leader><leader>e	End of words
<leader><leader>ge	End of words backwards
<leader><leader><leader>bde	End of words everywhere
<leader><leader>j	Beginning of lines
<leader><leader>k	Beginning of lines backwards
<leader><leader>f{character}	Find {character}
<leader><leader>F{character}	Find {character} backwards
<leader><leader>t{character}	Until {character}
<leader><leader>T{character}	Until {character} backwards
<leader><leader>s{character}	Search {character} everywhere

### Text Objects

diw	Delete inner word
daw	Delete a word
dis	Delete inner sentence
das	Delete a sentence
dip	Delete inner paragraph
dap	Delete a paragraph
dib	Delete inside parentheses
dab	Delete text and parentheses
diB	Delete inside braces
daB	Delete text and braces
di[	Delete inside brackets
da[	Delete text and brackets
di"	Delete inside quotes
da"	Delete text and quotes
dit	Delete inside tag
dat	Delete text and tag

**{operator}a{text-object}** Apply operator to all **{text-object}** including space after o before it

**{operator}i{text-object}** Apply operator to **{text-object}**

'dib' = 'di(' | 'diB' = 'di{'

Can be use with other operators (E.g: ciw)



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### Folding

<b>zf{count}j</b>	Create a fold from the cursor down {count} lines
<b>zf/{pattern}</b>	Create a fold from the cursor to {pattern}
<b>za</b>	Toggle fold at the cursor
<b>zo</b>	Open fold under cursor
<b>zO</b>	Open all folds
<b>zc</b>	Close fold under cursor
<b>zM</b>	Close all folds
<b>zd</b>	Delete fold at the cursor
<b>zE</b>	Delete all folds

### Split Windows

<b>Ctrl-w + s</b>	Open same file in a horizontal split
<b>Ctrl-w + v</b>	Open same file in a vertical split
<b>Ctrl + h</b>	Move to the window on the left
<b>Ctrl + j</b>	Move to the window below
<b>Ctrl + k</b>	Move to the window above
<b>Ctrl + l</b>	Move to the window on the right

### Undo and Redo

<b>u</b>	Undo last change
<b>Ctrl + R</b>	Redo last undo
<b>U</b>	Undo last changed line



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