

VIM, IdeaVim & Intellimacs

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VIM, IdeaVIM and Intellimacs

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1. VIM Cheat Sheet

1.1. Basic Key Bindings

version 1.1
April 1st, 06

vi / vim graphical cheat sheet

| | | | | | | | | | | | | |
|-----------------------|--------------------------------|-------------------------|----------------------------|--------------------------|-----------------------|----------------|---------------------------|-----------------------|----------------------------|--------------------------|-----------------|-------------|
| Esc | normal mode | | | | | | | | | | | |
| ~ toggle case | ! external filter | @ play macro | # prev ident | \$ eol | % goto match | ^ "soft" bol | & repeat :s | * next ident | (begin sentence |) end sentence | "soft" bol down | + next line |
| ~ goto mark | 1 2 3 4 5 6 7 8 9 0 "hard" bol | - prev line | = auto ³ format | | | | | | | | | |
| Q ex mode | W next WORD | E end WORD | R replace mode | T 'back' till | Y yank line | U undo line | I insert at bol | O open above | P paste before | { begin parag. | } | end parag. |
| q record macro | w next word | e end word | r replace char | t 'till | y yank ^{1,3} | u undo | i insert mode | o open below | p paste ¹ after | [misc |] | misc |
| A append at eol | S subst line | D delete to eol | F "back" find ch | G eof/ln | H screen top | J join lines | K help | L screen bottom | : ex cmd line | ": reg ¹ spec | bol/ goto col | |
| a append | s subst char | d delete | f find char | g extra ⁶ cmd | h ← | j ↓ | k ↑ | l → | ; repeat ; t/T/f/F | ' goto mk. bol | \ not used! | |
| Z quit ⁴ | X back-space | C change to eol | V visual lines | B prev WORD | N prev (find) | M screen mid'l | < un- ³ indent | > indent ³ | ? find (rev.) | / find | | |
| Z extra ⁵ | X delete char | C change ^{1,3} | V visual mode | b prev word | n next (find) | m set mark | , reverse , t/T/f/F | . repeat cmd | | | | |
| words: guux(foo) baz; | WORDs: guux(foo) bar, baz; | | | | | | | | | | | |

motion moves the cursor, or defines the range for an operator
command direct action command, if red, it enters insert mode
operator requires a motion afterwards, operates between cursor & destination
extra special functions, requires extra input
Q commands with a dot need a char argument afterwards
bol = beginning of line, eol = end of line, mk = mark, yank = copy
words: guux(foo) baz;
WORDs: guux(foo) bar, baz;

Main command line commands ('ex'):
:w (save), :q (quit), :q! (quit w/o saving)
:e f (open file f),
:%s/x/y/g (replace 'x' by 'y' filewide),
:h (help in vim), :new (new file in vim),

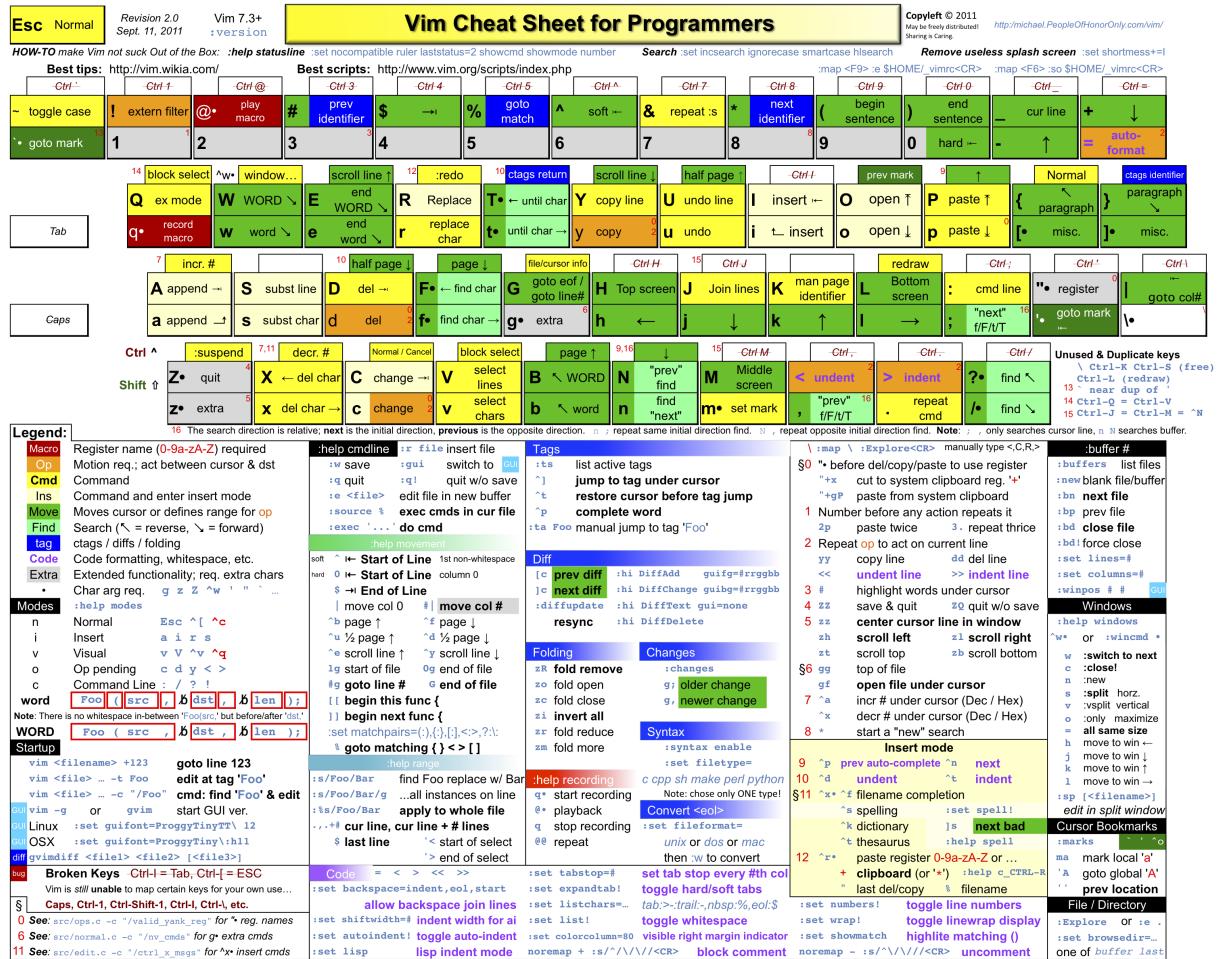
Other important commands:
CTRL-R: redo (vim),
CTRL-F/-B: page up/down,
CTRL-E/-Y: scroll line up/down,
CTRL-V: block-visual mode (vim only)

Visual mode:
Move around and type operator to act on selected region (vim only)

Notes:
(1) use "x before a yank/paste/del command to use that register ('clipboard') (x=a..z,*)
(e.g.: "ay\$ to copy rest of line to reg 'a')
(2) type in a number before any action to repeat it that number of times
(e.g.: 2p, d2w, 5i, d4j)
(3) duplicate operator to act on current line (dd = delete line, >> = indent line)
(4) ZZ to save & quit, ZQ to quit w/o saving
(5) zt: scroll cursor to top,
zb: bottom, zz: center
(6) gg: top of file (vim only),
gf: open file under cursor (vim only)

For a graphical vi/vim tutorial & more tips, go to www.viemu.com - home of ViEmu, vi/vim emulation for Microsoft Visual Studio

1.2. Key Bindings for Programmers



2. VIM Key Bindings & Commands

2.1. Global

| Key binding | Description |
|-----------------|---|
| :h[elp] keyword | open help for keyword |
| :sav[eas] file | save file as |
| :clo[se] | close current pane |
| :ter[minal] | open a terminal window |
| K | open man page for word under the cursor |

2.2. Cursor movement

| Key binding | Description |
|-------------|------------------|
| h | move cursor left |
| j | move cursor down |
| k | move cursor up |

| Key binding | Description |
|--|---|
| <code>l</code> | move cursor right |
| <code>H</code> | move to top of screen |
| <code>M</code> | move to middle of screen |
| <code>L</code> | move to bottom of screen |
| <code>w</code> | jump forwards to the start of a word |
| <code>W</code> | jump forwards to the start of a word (words can contain punctuation) |
| <code>e</code> | jump forwards to the end of a word |
| <code>E</code> | jump forwards to the end of a word (words can contain punctuation) |
| <code>b</code> | jump backwards to the start of a word |
| <code>B</code> | jump backwards to the start of a word (words can contain punctuation) |
| <code>%</code> | move to matching character (default supported pairs: '()', '{}', '[]' - use :h matchpairs in vim for more info) |
| <code>0</code> | jump to the start of the line |
| <code>^</code> | jump to the first non-blank character of the line |
| <code>\$</code> | jump to the end of the line |
| <code>g + _</code> | jump to the last non-blank character of the line |
| <code>g + g</code> | go to the first line of the document |
| <code>G</code> | go to the last line of the document |
| <code>5 + g + g</code> or <code>5 + G</code> | go to line 5 |
| <code>g + d</code> | move to local declaration |
| <code>g + D</code> | move to global declaration |
| <code>f x</code> | jump to next occurrence of character <code>x</code> |
| <code>t x</code> | jump to before next occurrence of character <code>x</code> |
| <code>F x</code> | jump to previous occurrence of character <code>x</code> |
| <code>T x</code> | jump to after previous occurrence of character <code>x</code> |
| ; | repeat previous f, t, F or T movement |
| , | repeat previous f, t, F or T movement, backwards |
| {} | jump to next paragraph (or function/block, when editing code) |
| {} | jump to previous paragraph (or function/block, when editing code) |
| <code>z + z</code> | center cursor on screen |
| <code>CTRL + e</code> | move screen down one line (without moving cursor) |
| <code>CTRL + y</code> | move screen up one line (without moving cursor) |
| <code>CTRL + b</code> | move back one full screen |
| <code>CTRL + f</code> | move forward one full screen |

| Key binding | Description |
|-------------|---------------------------|
| CTRL + d | move forward 1/2 a screen |
| CTRL + u | move back 1/2 a screen |



Prefix a cursor movement command with a number to repeat it. For example, 4 + j moves down 4 lines.

2.3. Insert mode - inserting/appending text

| Key binding | Description |
|-------------|--|
| i | insert before the cursor |
| I | insert at the beginning of the line |
| a | insert (append) after the cursor |
| A | insert (append) at the end of the line |
| o | append (open) a new line below the current line |
| O | append (open) a new line above the current line |
| e + a | insert (append) at the end of the word |
| CTRL + h | delete the character before the cursor during insert mode |
| CTRL + w | delete word before the cursor during insert mode |
| CTRL + j | begin new line during insert mode |
| CTRL + t | indent (move right) line one shiftwidth during insert mode |
| CTRL + d | de-indent (move left) line one shiftwidth during insert mode |
| CTRL + n | insert (auto-complete) next match before the cursor during insert mode |
| CTRL + p | insert (auto-complete) previous match before the cursor during insert mode |
| CTRL + r x | insert the contents of register x |
| ESC | exit insert mode |

2.4. Editing

| Key binding | Description |
|---------------|--|
| Γ | replace a single character |
| J | join line below to the current one with one space in between |
| g + J | join line below to the current one without space in between |
| g + w + i + p | reflow paragraph |
| g + ~ | switch case up to motion |

| Key binding | Description |
|-------------|--|
| g + u | change to lowercase up to motion |
| g + U | change to uppercase up to motion |
| c + c | change (replace) entire line |
| C | change (replace) to the end of the line |
| c + \$ | change (replace) to the end of the line |
| c + i + w | change (replace) entire word |
| c + w | change (replace) to the end of the word |
| s | delete character and substitute text |
| S | delete line and substitute text (same as cc) |
| x + p | transpose two letters (delete and paste) |
| u | undo |
| U | restore (undo) last changed line |
| CTRL + r | redo |
| . | repeat last command |

2.5. Marking text (visual mode)

| Key binding | Description |
|-------------|--|
| v | start visual mode, mark lines, then do a command (like y-yank) |
| V | start linewise visual mode |
| o | move to other end of marked area |
| CTRL + v | start visual block mode |
| 0 | move to other corner of block |
| a + w | mark a word |
| a + b | a block with () |
| a + B | a block with {} |
| a + t | a block with <> tags |
| i + b | inner block with () |
| i + B | inner block with {} |
| i + t | inner block with <> tags |
| ESC | exit visual mode |



Instead of `b` or `B` one can also use `(` or `{` respectively.

2.6. Visual commands

| Key binding | Description |
|-------------|---------------------------------|
| > | shift text right |
| < | shift text left |
| y | yank (copy) marked text |
| d | delete marked text |
| ~ | switch case |
| u | change marked text to lowercase |
| U | change marked text to uppercase |

2.7. Registers

| Key binding | Description |
|--------------|--|
| :reg[isters] | show registers content |
| " x y | yank into register x |
| " x p | paste contents of register x |
| " + + y | yank into the system clipboard register |
| " + + p | paste from the system clipboard register |

Special registers:



| Register | Description |
|----------|---------------------------------------|
| 0 | last yank |
| " | unnamed register, last delete or yank |
| % | current file name |
| # | alternate file name |
| * | clipboard contents (X11 primary) |
| + | clipboard contents (X11 clipboard) |
| / | last search pattern |
| : | last command-line |
| . | last inserted text |
| - | last small (less than a line) delete |
| = | expression register |
| _ | black hole register |

2.8. Marks and positions

| Key binding | Description |
|-------------|--|
| :marks | list of marks |
| m a | set current position for mark a |
| ` a | jump to position of mark a |
| y + ` a | yank text to position of mark a |
| ` + 0 | go to the position where Vim was previously exited |
| ` + " | go to the position when last editing this file |
| ` + . | go to the position of the last change in this file |
| ` + `` | go to the position before the last jump |
| :ju[mps] | list of jumps |
| CTRL + i | go to newer position in jump list |
| CTRL + o | go to older position in jump list |
| :changes | list of changes |
| g + , | go to newer position in change list |
| g + ; | go to older position in change list |

| Key binding | Description |
|-----------------------|------------------------------|
| <code>CTRL +]</code> | jump to the tag under cursor |



To jump to a mark you can either use a backtick (`) or an apostrophe ('). Using an apostrophe jumps to the beginning(first non-black) of the line holding the mark.

2.9. Macros

| Key binding | Description |
|--------------------|-----------------------|
| <code>q a</code> | record macro <i>a</i> |
| <code>q</code> | stop recording macro |
| <code>@ a</code> | run macro <i>a</i> |
| <code>@ + @</code> | rerun last run macro |

2.10. Cut and paste

| Key binding | Description |
|------------------------|--|
| <code>y + y</code> | yank (copy) a line |
| <code>2 + y + y</code> | yank (copy) 2 lines |
| <code>y + w</code> | yank (copy) the characters of the word from the cursor position to the start of the next word |
| <code>y + \$</code> | yank (copy) to end of line |
| <code>p</code> | put (paste) the clipboard after cursor |
| <code>P</code> | put (paste) before cursor |
| <code>d + d</code> | delete (cut) a line |
| <code>2 + d + d</code> | delete (cut) 2 lines |
| <code>d + w</code> | delete (cut) the characters of the word from the cursor position to the start of the next word |
| <code>D</code> | delete (cut) to the end of the line |
| <code>d + \$</code> | delete (cut) to the end of the line |
| <code>x</code> | delete (cut) character |

2.11. Indent text

| Key binding | Description |
|--------------------------|---|
| <code>> + ></code> | indent (move right) line one shiftwidth |
| <code>< + <</code> | de-indent (move left) line one shiftwidth |

| Key binding | Description |
|---------------|---|
| > + % | indent a block with () or {} (cursor on brace) |
| > + i + b | indent inner block with () |
| > + a + t | indent a block with <> tags |
| 3 + = + = | re-indent 3 lines |
| = + % | re-indent a block with () or {} (cursor on brace) |
| = + i + B | re-indent inner block with {} |
| g + g + = + G | re-indent entire buffer |
|] + p | paste and adjust indent to current line |

2.12. Exiting

| Ex command | Description |
|-----------------|---|
| :w | write (save) the file, but don't exit |
| :w !sudo tee % | write out the current file using sudo |
| :wq or :x or ZZ | write (save) and quit |
| :q | quit (fails if there are unsaved changes) |
| :q! or ZQ | quit and throw away unsaved changes |
| :wqa | write (save) and quit on all tabs |

2.13. Search and replace

| Key binding | Description |
|----------------|---|
| /pattern | search for <i>pattern</i> |
| ?pattern | search backward for <i>pattern</i> |
| \ + v pattern | 'very magic' <i>pattern</i> : non-alphanumeric characters are interpreted as special regex symbols (no escaping needed) |
| n | repeat search in same direction |
| N | repeat search in opposite direction |
| :%s/old/new/g | replace all <i>old</i> with <i>new</i> throughout file |
| :%s/old/new/gc | replace all <i>old</i> with <i>new</i> throughout file with confirmations |
| :noh[lsearch] | remove highlighting of search matches |

2.14. Search in multiple files

| Ex command | Description |
|--|--|
| :vim[grep] / <i>pattern</i> / {{file}} | search for pattern in multiple files e.g. :vim[grep] /foo/ */ |
| :cn[ext] | jump to the next match |
| :cp[revious] | jump to the previous match |
| :cope[n] | open a window containing the list of matches |
| :ccl[ose] | close the quickfix window |

2.15. Tabs

| Key binding | Description |
|--------------------------------------|--|
| :tabnew or :tabnew {page.words.file} | open a file in a new tab |
| CTRL + W + T | move the current split window into its own tab |
| g + t or :tabn[ext] | move to the next tab |
| g + T or :tabp[revious] | move to the previous tab |
| # + g + t | move to tab number # |
| :tabm[ove] # | move current tab to the #th position (indexed from 0) |
| :tabc[lose] | close the current tab and all its windows |
| :tabo[nly] | close all tabs except for the current one |
| :tabdo command | run the command on all tabs (e.g. :tabdo q - closes all opened tabs) |

2.16. Working with multiple files

| Key binding | Description |
|-----------------------|--|
| :e[dit] <i>file</i> | edit a file in a new buffer |
| :bn[ext] | go to the next buffer |
| :bp[revious] | go to the previous buffer |
| :bd[elete] | delete a buffer (close a file) |
| :b[uffer]# | go to a buffer by index # |
| :b[uffer] <i>file</i> | go to a buffer by file |
| :ls or :buffers | list all open buffers |
| :sp[lit] <i>file</i> | open a file in a new buffer and split window |
| :vs[plit] <i>file</i> | open a file in a new buffer and vertically split window |
| :vert[ical] ba[ll] | edit all buffers as vertical windows |
| :tab ba[ll] | edit all buffers as tabs |
| CTRL + W + S | split window |

| Key binding | Description |
|---------------------------|--|
| <code>CTRL + W + V</code> | split window vertically |
| <code>CTRL + W + W</code> | switch windows |
| <code>CTRL + W + Q</code> | quit a window |
| <code>CTRL + W + X</code> | exchange current window with next one |
| <code>CTRL + W + =</code> | make all windows equal height & width |
| <code>CTRL + W + H</code> | move cursor to the left window (vertical split) |
| <code>CTRL + W + L</code> | move cursor to the right window (vertical split) |
| <code>CTRL + W + J</code> | move cursor to the window below (horizontal split) |
| <code>CTRL + W + K</code> | move cursor to the window above (horizontal split) |

2.17. Diff

| Key binding | Description |
|---|---|
| <code>z + f</code> | manually define a fold up to motion |
| <code>z + d</code> | delete fold under the cursor |
| <code>z + a</code> | toggle fold under the cursor |
| <code>z + o</code> | open fold under the cursor |
| <code>z + c</code> | close fold under the cursor |
| <code>z + r</code> | reduce (open) all folds by one level |
| <code>z + m</code> | fold more (close) all folds by one level |
| <code>z + i</code> | toggle folding functionality |
| <code>] + c</code> | jump to start of next change |
| <code>[+ c</code> | jump to start of previous change |
| <code>d + o</code> or <code>:diffg[et]</code> | obtain (get) difference (from other buffer) |
| <code>d + p</code> or <code>:diffpu[t]</code> | put difference (to other buffer) |
| <code>:diffthis</code> | make current window part of diff |
| <code>:dif[fupdate]</code> | update differences |
| <code>:diffo[ff]</code> | switch off diff mode for current window |



The commands for folding (e.g. `z + a`) operate on one level. To operate on all levels, use uppercase letters (e.g. `z + A`).



To view the differences of files, one can directly start Vim in diff mode by running `vimdiff` in a terminal. One can even set this as `git difftool`

3. Personal IdeaVim Key Binding

| Key binding | Description |
|----------------|---|
| j + j | The same as Esc : change to Normal mode |
| ALT + x | Execute an action. Like <M-x> |
| + | Increase editor font size |
| - | Decrease editor font size |
| <leader> = | Reset editor font size |
| <leader> R + M | Execute Maven goal |
| <leader> R + m | Activate Maven project tool window |

3.1. Shortcuts start with g

| Group | Key binding | Description |
|---------------------|-------------|--------------------------------|
| Window | g + w | Hide all windows except editor |
| Buffer | g + y | Yank entire buffer |
| Go or Jump | g + f | Go Forward |
| | g + b | Go Back |
| | g + [| Go to code block start |
| | g +] | Go to code block end |
| | g + { | Go to next method |
| | g + } | Go to previous method |
| | g + i | Go to implementation |
| | g + d | Go to declaration |
| | g + I | Show quick implementation |
| | g + T | Show quick type definition |
| Search and Navigate | g + C | Search classes |
| | g + F | Search files |
| | g + S | Search symbols |
| | g + B | Show navigation bar |
| Errors | g + x | Go to next error |
| | g + X | Go to previous error |

| Group | Key binding | Description |
|-----------------|--------------------|---------------------------|
| Show References | <code>g + R</code> | Find usages |
| | <code>g + j</code> | Show usages |
| | <code>g + s</code> | Show find structure popup |
| | <code>g + t</code> | Show type hierarchy |
| | <code>g + m</code> | Show method hierarchy |
| | <code>g + l</code> | Show call hierarchy |
| Wrap | <code>g + q</code> | Wrap |
| | <code>g + Q</code> | Wrap paragraph |

3.2. Shortcuts start with `,`

| Group | Key binding | Description |
|---------------|---------------------------------|----------------------------------|
| Configuration | <code>,</code> + <code>.</code> | Edit <code>~/.ideavimrc</code> |
| | <code>,</code> + <code>,</code> | Reload <code>~/.ideavimrc</code> |
| Comment | <code>,</code> + <code>;</code> | Comment a line |

| Group | Key binding | Description |
|----------------|---------------|--------------------------------|
| Help | , + h | Help/Shortcuts group |
| | , + h + a | All shortcuts |
| | , + h + c | Macro |
| | , + h + e | Edit group |
| | , + h + e + e | Editing |
| | , + h + e + c | Cut & Paste |
| | , + h + e + f | Editing multiple files |
| | , + h + g | General/Misc |
| | , + h + i | Insert Mode |
| | , + h + m | Marks |
| | , + h + n | Navigation group |
| | , + h + n + e | Navigation essential |
| | , + h + n + b | Navigation block |
| | , + h + n + / | Navigation character search |
| | , + h + n + c | Navigation code block |
| | , + h + n + h | Navigation cursor |
| | , + h + n + l | Navigation line |
| | , + h + n + m | Navigation marker |
| | , + h + n + o | Navigation other |
| | , + h + n + w | Navigation word |
| | , + h + o | Operators |
| | , + h + p | Paging |
| | , + h + q | Quit |
| | , + h + r | Search Replace |
| | , + h + s | Search multiple files |
| | , + h + t | Tabs |
| | , + h + x | Text Objects |
| | , + h + v | Visual Mode |
| | , + h + w | Windows |
| Yank and Paste | , + y | Yank selection to clipboard |
| | , + y + y | Yank current line to clipboard |
| | , + p | Paste from clipboard |

| Group | Key binding | Description |
|--------------|-------------|------------------------------|
| Misc | , + a | Show argument/parameter info |
| | , + b | Show bookmarks |
| | , + l | Show recent locations |
| | , + m | Show popup menu |
| Find | , + f | Find |
| | , + / | Find in project |
| Refactorings | , + R | Refactorings popup menu |
| | , + r + r | Rename |
| | , + r + g | Generate |
| | , + r + i | Optimise imports |
| | , + r + c | Inspect code |
| Git | , + g | Git menu |
| | , + G | VCS menu |

3.3. Shortcuts start with \

| Key binding | Description |
|-------------|---|
| \ | <Leader> + m - prefix key of Intellimacs major mode |

3.4. Emacs shortcuts

| Group | Key binding | Description |
|-----------------------|---------------------|---------------------------|
| Window layout (Emacs) | CTRL + x + 3 | Split window vertically |
| | CTRL + x + 2 | Split window horizontally |
| | CTRL + x + 0 | next split window |
| | CTRL + x + 1 | un-split window |
| Buffers | CTRL + x + b | List buffers |
| | CTRL + x + CTRL + b | List buffers |

4. IdeaVim

4.1. Insert Mode

| Key binding | Description |
|-------------|--|
| CTRL + @ | change.insert.InsertPreviousInsertExitAction |

| Key binding | Description |
|----------------------------------|--|
| <code>CTRL + a</code> | change.insert.InsertPreviousInsertAction |
| <code>CTRL + c</code> | change.insert.InsertExitModeAction |
| <code>CTRL + d</code> | change.shift.ShiftLeftLinesAction |
| <code>CTRL + e</code> | change.insert.InsertCharacterBelowCursorAction |
| <code>CTRL + g + j</code> | |
| <code>CTRL + g + k</code> | |
| <code>CTRL + g + u</code> | |
| <code>BS</code> | editor.VimEditorBackSpace |
| <code>digraph</code> | IdeaVim enter digraph |
| <code>CTRL + h</code> | IntelliJ editor backspace |
| <code>TAB</code> | editor.VimEditorTab |
| <code>CTRL + i</code> | IntelliJ editor tab |
| <code>ENTER</code> | change.insert.InsertEnterAction |
| <code>CTRL + j</code> | |
| <code>CTRL + k</code> | change.insert.InsertCompletedDigraphAction |
| <code>CTRL + l</code> | |
| <code>CTRL + m</code> | change.insert.InsertEnterAction |
| <code>CTRL + n</code> | window.LookupDownAction |
| <code>CTRL + o</code> | change.insert.InsertSingleCommandAction |
| <code>CTRL + p</code> | window.LookupUpAction |
| <code>CTRL + q</code> | |
| <code>CTRL + r</code> | change.insert.InsertRegisterAction |
| <code>CTRL + r + CTRL + r</code> | |
| <code>CTRL + r + CTRL + o</code> | |
| <code>CTRL + r + CTRL + p</code> | |
| <code>CTRL + t</code> | change.shift.ShiftRightLinesAction |
| <code>CTRL + u</code> | change.insert.InsertDeleteInsertedTextAction |
| <code>CTRL + v</code> | change.insert.InsertCompletedLiteralAction |
| <code>CTRL + v + digit</code> | change.insert.InsertCompletedLiteralAction |
| <code>CTRL + w</code> | change.insert.InsertDeletePreviousWordAction |
| <code>CTRL + x</code> | |
| <code>CTRL + y</code> | change.insert.InsertCharacterAboveCursorAction |
| <code>CTRL + z</code> | |

| Key binding | Description |
|---------------------|--|
| ESC | change.insert.InsertExitModeAction |
| CTRL + [| change.insert.InsertExitModeAction |
| CTRL + \ + CTRL + N | ResetModeAction |
| CTRL + \ + CTRL + G | |
| CTRL + } | |
| CTRL + ^ | |
| CTRL + _ | |
| Ø + CTRL + d | |
| ^ + CTRL + d | |
| DEL | editor.VimEditorDelete |
| LEFT | motion.leftright.MotionLeftInsertModeAction |
| SHIFT + LEFT | motion.text.MotionWordLeftInsertAction |
| CTRL + LEFT | motion.text.MotionWordLeftInsertAction |
| RIGHT | motion.leftright.MotionRightInsertAction |
| SHIFT + RIGHT | motion.text.MotionWordRightInsertAction |
| CTRL + RIGHT | motion.text.MotionWordRightInsertAction |
| UP | editor.VimEditorUp |
| SHIFT + UP | motion.scroll.MotionScrollPageUpInsertModeAction |
| DOWN | editor.VimEditorDown |
| SHIFT + DOWN | motion.scroll.MotionScrollPageDownInsertModeAction |
| HOME | motion.leftright.MotionFirstColumnInsertModeAction |
| CTRL + HOME | motion.updown.MotionGotoLineFirstInsertAction |
| END | motion.leftright.MotionLastColumnInsertAction |
| CTRL + END | motion.updown.MotionGotoLineLastEndInsertAction |
| INSERT | change.insert.InsertInsertAction |
| PAGEUP | motion.scroll.MotionScrollPageUpInsertModeAction |
| PAGEDOWN | motion.scroll.MotionScrollPageDownInsertModeAction |
| F1 | IntelliJ help |
| INSERT | IntelliJ editor toggle insert/replace |
| CTRL + X + index | |

4.2. Normal mode

| Key binding | Description |
|-------------------|--|
| CTRL + a | change.change.number.ChangeNumberIncAction |
| CTRL + b | motion.scroll.MotionScrollPageUpAction |
| CTRL + c | |
| CTRL + d | motion.scroll.MotionScrollHalfPageDownAction |
| CTRL + e | motion.scroll.MotionScrollLineDownAction |
| CTRL + f | motion.scroll.MotionScrollPageDownAction |
| CTRL + g | file.FileGetFileInfoAction |
| BS | motion.leftright.MotionLeftWrapAction |
| CTRL + h | motion.leftright.MotionLeftWrapAction |
| TAB | |
| CTRL + i | motion.mark.MotionJumpNextAction |
| ENTER | motion.updown.MotionDownNotLineWiseAction |
| CTRL + j | |
| CTRL + l | not applicable |
| ENTER | motion.updown.EnterNormalAction |
| CTRL + m | motion.updown.MotionDownFirstNonSpaceAction |
| CTRL + n | motion.updown.MotionDownCtrlNAction |
| CTRL + o | motion.mark.MotionJumpPreviousAction |
| CTRL + p | motion.updown.MotionUpCtrlPAction |
| CTRL + r | change.RedoAction |
| CTRL + t | |
| CTRL + u | motion.scroll.MotionScrollHalfPageUpAction |
| CTRL + v | motion.visual.VisualToggleBlockModeAction |
| CTRL + w | see window commands |
| CTRL + x | change.change.number.ChangeNumberDecAction |
| CTRL + y | motion.scroll.MotionScrollLineUpAction |
| CTRL + z | |
| CTRL +] | motion.search.GotoDeclarationAction |
| CTRL + 6 | file.FilePreviousAction |
| CTRL +] CTRL + N | ResetModeAction |
| ! | change.change.FilterMotionAction |
| !! | translated to !_ |
| # | motion.search.SearchWholeWordBackwardAction |

| Key binding | Description |
|----------------|--|
| \$ | motion.leftright.MotionLastColumnAction |
| % % | motion.updown.MotionPercentOrMatchAction |
| & & | change.change.ChangeLastSearchReplaceAction |
| ' ' | motion.mark.MotionGotoMarkLineAction |
| (| motion.text.MotionSentencePreviousStartAction |
|) | motion.text.MotionSentenceNextStartAction |
| * * | motion.search.SearchWholeWordForwardAction |
| + + | motion.updown.MotionDownFirstNonSpaceAction |
| , , | motion.leftright.MotionLastMatchCharReverseAction |
| - - | motion.updown.MotionUpFirstNonSpaceAction |
| . .· | change.RepeatChangeAction |
| / / | motion.search.SearchEntryFwdAction |
| : : | ExEntryAction |
| ; ; | motion.leftright.MotionLastMatchCharAction |
| < < | change.shift.ShiftLeftMotionAction |
| < + < < + < | translated to <_ |
| = = | change.shift.AutoIndentMotionAction |
| = + = = + = | translated to =_ |
| > > | change.shift.ShiftRightMotionAction |
| > + > > + > | translated to >_ |
| ? ? | motion.search.SearchEntryRevAction |
| @ @ | macro.PlaybackRegisterAction |
| A A | change.insert.InsertAfterLineEndAction |
| B B | motion.text.MotionBigWordLeftAction |
| C C | change.change.ChangeEndOfLineAction |
| D D | change.delete.DeleteEndOfLineAction |
| E E | motion.text.MotionBigWordEndRightAction |
| F F | motion.leftright.MotionLeftMatchCharAction |
| G G | motion.updown.MotionGotoLineLastAction |
| H H | motion.screen.MotionFirstScreenLineAction |
| H H | motion.screen.MotionOpPendingFirstScreenLineAction |
| I I | change.insert.InsertBeforeFirstNonBlankAction |
| J J | change.delete.DeleteJoinLinesSpacesAction |

| Key binding | Description |
|--------------------|---|
| K | editor.VimQuickJavaDoc |
| L | motion.screen.MotionLastScreenLineAction |
| L | motion.screen.MotionOpPendingLastScreenLineAction |
| M | motion.screen.MotionMiddleScreenLineAction |
| N | motion.search.SearchAgainPreviousAction |
| O | change.insert.InsertNewLineAboveAction |
| P | copy.PutTextBeforeCursorAction |
| Q | |
| R | change.change.ChangeReplaceAction |
| S | change.change.ChangeLineAction |
| T | motion.leftright.MotionLeftTillMatchCharAction |
| U | |
| V | motion.visual.VisualToggleLineModeAction |
| W | motion.text.MotionBigWordRightAction |
| X | change.delete.DeleteCharacterLeftAction |
| Y | copy.YankLineAction |
| Z + Z | file.FileSaveCloseAction |
| Z + Q | file.FileSaveCloseAction |
| [| see bracket commands |
|] | see bracket commands |
| ^ | motion.leftright.MotionFirstNonSpaceAction |
| _ | motion.updown.MotionDownLess1FirstNonSpaceAction |
| ` | motion.mark.MotionGotoMarkAction |
| 0 | motion.leftright.MotionFirstColumnAction |
| a | change.insert.InsertAfterCursorAction |
| b | motion.text.MotionWordLeftAction |
| c | change.change.ChangeMotionAction |
| c + c | translated to c_ |
| d | change.delete.DeleteMotionAction |
| d + d | translated to d_ |
| d + o | |
| d + p | |
| e | motion.text.MotionWordEndRightAction |
| f | motion.leftright.MotionRightMatchCharAction |

| Key binding | Description |
|--------------|---|
| g | see commands starting with 'g' |
| h | motion.leftright.MotionLeftAction |
| i | change.insert.InsertBeforeCursorAction |
| j | motion.updown.MotionDownAction |
| k | motion.updown.MotionUpAction |
| l | motion.leftright.MotionRightAction |
| m | motion.mark.MotionMarkAction |
| n | motion.search.SearchAgainNextAction |
| o | change.insert.InsertNewLineBelowAction |
| p | copy.PutTextAfterCursorAction |
| q | macro.ToggleRecordingAction |
| r | change.change.ChangeCharacterAction |
| s | change.change.ChangeCharactersAction |
| t | motion.leftright.MotionRightTillMatchCharAction |
| u | change.UndoAction |
| v | motion.visual.VisualToggleCharacterModeAction |
| w | motion.text.MotionWordRightAction |
| x | change.delete.DeleteCharacterRightAction |
| y | copy.YankMotionAction |
| y + y | translated to y_ |
| z | see commands starting with 'z' |
| { | motion.text.MotionParagraphPreviousAction |
| | motion.leftright.MotionColumnAction |
| } | motion.text.MotionParagraphNextAction |
| ~ | change.change.ChangeCaseToggleCharacterAction |
| CTRL + END | motion.updown.MotionGotoLineLastEndAction |
| CTRL + HOME | motion.updown.MotionGotoLineFirstAction |
| CTRL + LEFT | motion.text.MotionWordLeftAction |
| CTRL + RIGHT | motion.text.MotionWordRightAction |
| CTRL + DOWN | motion.scroll.CtrlDownAction |
| CTRL + UP | motion.scroll.CtrlUpAction |
| DEL | change.delete.DeleteCharacterAction |
| DOWN | motion.updown.MotionArrowDownAction |

| Key binding | Description |
|---------------|--|
| END | motion.leftright.MotionEndAction |
| F1 | IntelliJ help |
| HOME | motion.leftright.MotionHomeAction |
| INSERT | change.insert.InsertBeforeCursorAction |
| LEFT | motion.leftright.MotionArrowLeftAction |
| PAGEDOWN | motion.scroll.MotionScrollPageDownAction |
| PAGEUP | motion.scroll.MotionScrollPageUpAction |
| RIGHT | motion.leftright.MotionArrowRightAction |
| SHIFT + DOWN | motion.updown.MotionShiftDownAction |
| SHIFT + LEFT | motion.leftright.MotionShiftLeftAction |
| SHIFT + RIGHT | motion.leftright.MotionShiftRightAction |
| SHIFT + UP | motion.updown.MotionShiftUpAction |
| SHIFT + HOME | motion.leftright.MotionShiftHomeAction |
| SHIFT + END | motion.leftright.MotionShiftEndAction |
| UP | motion.updown.MotionArrowUpAction |

4.2.1. Window commands **CTRL + W**

| Key binding | Description |
|--------------|------------------------------|
| CTRL + W + + | |
| CTRL + W + - | |
| CTRL + W + < | |
| CTRL + W + = | |
| CTRL + W + > | |
| CTRL + W + H | |
| CTRL + W + J | |
| CTRL + W + K | |
| CTRL + W + L | |
| CTRL + W + P | |
| CTRL + W + R | |
| CTRL + W + S | window.HorizontalSplitAction |
| CTRL + W + T | |
| CTRL + W + W | window.WindowPrevAction |
| CTRL + W +] | |

| Key binding | Description |
|------------------|------------------------------|
| CTRL + w + ^ | |
| CTRL + w + _ | |
| CTRL + w + b | |
| CTRL + w + c | window.CloseWindowAction |
| CTRL + w + d | |
| CTRL + w + f | |
| CTRL + w + F | |
| CTRL + w + g +] | |
| CTRL + w + g + } | |
| CTRL + w + g + f | |
| CTRL + w + g + F | |
| CTRL + w + h | window.WindowLeftAction |
| CTRL + w + i | |
| CTRL + w + j | window.WindowDownAction |
| CTRL + w + k | window.WindowUpAction |
| CTRL + w + l | window.WindowRightAction |
| CTRL + w + n | |
| CTRL + w + o | window.WindowOnlyAction |
| CTRL + w + p | |
| CTRL + w + q | |
| CTRL + w + r | |
| CTRL + w + s | window.HorizontalSplitAction |
| CTRL + w + t | |
| CTRL + w + v | window.VerticalSplitAction |
| CTRL + w + w | window.WindowNextAction |
| CTRL + w + x | |
| CTRL + w + z | |
| CTRL + w + | |
| CTRL + w + } | |
| CTRL + w + DOWN | window.WindowDownAction |
| CTRL + w + UP | window.WindowUpAction |
| CTRL + w + LEFT | window.WindowLeftAction |
| CTRL + w + RIGHT | window.WindowRightAction |

| Key binding | Description |
|---------------------|--------------------------|
| CTRL + W + CTRL + H | window.WindowLeftAction |
| CTRL + W + CTRL + J | window.WindowDownAction |
| CTRL + W + CTRL + K | window.WindowUpAction |
| CTRL + W + CTRL + L | window.WindowRightAction |

4.2.2. Square bracket commands [or]

| Key binding | Description |
|--------------|--|
| [+ CTRL + D | |
| [+ CTRL + I | |
| [+ # | |
| [+ ' | |
| [+ (| motion.text.MotionUnmatchedParenOpenAction |
| [+ * | |
| [+ ` | |
| [+ / | |
| [+ D | |
| [+ I | |
| [+ M | motion.text.MotionMethodPreviousEndAction |
| [+ P | copy.PutVisualTextBeforeCursorNoIndentAction |
| [+ p | copy.PutTextBeforeCursorNoIndentAction |
| [+ [| motion.text.MotionSectionBackwardStartAction |
| [+] | motion.text.MotionSectionBackwardEndAction |
| [+ c | |
| [+ d | |
| [+ f | |
| [+ i | |
| [+ m | motion.text.MotionMethodPreviousStartAction |
| [+ p | copy.PutVisualTextAfterCursorNoIndentAction |
| [+ p | copy.PutTextAfterCursorNoIndentAction |
| [+ s | |
| [+ z | |
| [+ { | motion.text.MotionUnmatchedBraceOpenAction |
|] + CTRL + D | |

| Key binding | Description |
|------------------------|--|
|] + CTRL + I | |
|] + # | |
|] + ' | |
|] +) | motion.text.MotionUnmatchedParenCloseAction |
|] + * | |
|] + ` | |
|] + / | |
|] + D | |
|] + I | |
|] + M | motion.text.MotionMethodNextEndAction |
|] + P | copy.PutVisualTextBeforeCursorNoIndentAction |
|] + P | copy.PutTextBeforeCursorNoIndentAction |
|] + [| motion.text.MotionSectionForwardStartAction |
|] +] | motion.text.MotionSectionForwardEndAction |
|] + c | |
|] + d | |
|] + f | |
|] + i | |
|] + m | motion.text.MotionMethodNextStartAction |
|] + p | copy.PutVisualTextAfterCursorNoIndentAction |
|] + p | copy.PutTextAfterCursorNoIndentAction |
|] + s | |
|] + z | |
|] + } | motion.text.MotionUnmatchedBraceCloseAction |

4.2.3. Commands starting with **g**

| Key binding | Description |
|------------------------|---|
| g + CTRL + A | not applicable |
| g + CTRL + G | file.FileGetLocationInfoAction |
| g + CTRL + H | motion.select.SelectEnableBlockModeAction |
| g + CTRL +] | |
| g + # | motion.search.SearchWordBackwardAction |
| g + \$ | motion.leftright.MotionLastScreenColumnAction |

| Key binding | Description |
|----------------------------|---|
| <code>g + &</code> | change.change.ChangeLastGlobalSearchReplaceAction |
| <code>g + '</code> | motion.mark.MotionGotoFileMarkLineNoSaveJumpAction - Visual mode |
| <code>g + '</code> | motion.mark.MotionGotoMarkLineNoSaveJumpAction |
| <code>g + `</code> | motion.mark.MotionGotoMarkNoSaveJumpAction |
| <code>g + *</code> | motion.search.SearchWordForwardAction |
| <code>g + +</code> | |
| <code>g + ,</code> | Go to next change |
| <code>g + -</code> | |
| <code>g + 0</code> | motion.leftright.MotionFirstScreenColumnAction |
| <code>g + 8</code> | file.FileGetHexAction |
| <code>g + ;</code> | Go to last change |
| <code>g + <</code> | |
| <code>g + ?</code> | |
| <code>g + ? + g + ?</code> | |
| <code>g + D</code> | motion.search.GotoDeclarationAction |
| <code>g + E</code> | motion.text.MotionBigWordEndLeftAction |
| <code>g + F</code> | Shortcuts start with <code>g</code> |
| <code>g + H</code> | motion.select.SelectEnableLineModeAction |
| <code>g + I</code> | Shortcuts start with <code>g</code> (change.insert.InsertLineStartAction) |
| <code>g + J</code> | change.delete.DeleteJoinLinesAction |
| <code>g + N</code> | motion.gn.VisualSelectPreviousSearch |
| <code>g + N</code> | motion.gn.GnPreviousTextObject |
| <code>g + P</code> | copy.PutVisualTextBeforeCursorMoveCursorAction |
| <code>g + P</code> | copy.PutTextBeforeCursorActionMoveCursor |
| <code>g + Q</code> | Shortcuts start with <code>g</code> |
| <code>g + R</code> | Shortcuts start with <code>g</code> |
| <code>g + T</code> | Shortcuts start with <code>g</code> (motion.tabs.MotionPreviousTabAction) |
| <code>g + U</code> | change.change.ChangeCaseUpperMotionAction |
| <code>g + V</code> | |
| <code>g +]</code> | Shortcuts start with <code>g</code> |
| <code>g + ^</code> | motion.leftright.MotionFirstScreenNonSpaceAction |
| <code>g + _</code> | motion.leftright.MotionLastNonSpaceAction |
| <code>g + a</code> | file.FileGetAsciiAction |

| Key binding | Description |
|-------------|---|
| g + d | motion.search.GotoDeclarationAction |
| g + e | motion.text.MotionWordEndLeftAction |
| g + f | Shortcuts start with g |
| g + g | motion.updown.MotionGotoLineFirstAction |
| g + h | motion.select.SelectEnableCharacterModeAction |
| g + i | Shortcuts start with g (change.insert.InsertAtPreviousInsertAction) |
| g + j | Shortcuts start with g |
| g + k | motion.updown.MotionUpNotLineWiseAction |
| g + n | motion.gn.VisualSelectNextSearch |
| g + o | motion.gn.GnNextTextObject |
| g + m | Shortcuts start with g (motion.leftright.MotionMiddleColumnAction0) |
| g + o | motion.text.MotionNthCharacterAction |
| g + p | copy.PutVisualTextAfterCursorMoveCursorAction |
| g + p | copy.PutTextAfterCursorActionMoveCursor |
| g + q | Shortcuts start with g (change.change.ReformatCodeMotionAction) |
| g + r | |
| g + s | Shortcuts start with g |
| g + t | Shortcuts start with g (motion.tabs.MotionNextTabAction) |
| g + u | change.change.ChangeCaseLowerMotionAction |
| g + v | motion.visual.VisualSelectPreviousAction |
| g + w | Shortcuts start with g |
| g + @ | change.OperatorAction |
| g + ~ | change.change.ChangeCaseToggleMotionAction |
| g + DOWN | |
| g + END | motion.leftright.MotionLastScreenColumnAction |
| g + HOME | motion.leftright.MotionFirstScreenColumnAction |
| g + UP | motion.updown.MotionUpNotLineWiseAction |

4.2.4. Commands starting with z

| Key binding | Description |
|-------------|--|
| z + ENTER | motion.scroll.MotionScrollFirstScreenLineStartAction |
| z + + | motion.scroll.MotionScrollFirstScreenLinePageStartAction |
| z + - | motion.scroll.MotionScrollLastScreenLineStartAction |

| Key binding | Description |
|-------------|---|
| z + . | motion.scroll.MotionScrollMiddleScreenLineStartAction |
| z + = | |
| z + A | |
| z + C | fold.VimCollapseRegionRecursively |
| z + D | |
| z + E | |
| z + F | |
| z + G | |
| z + H | motion.scroll.MotionScrollHalfWidthLeftAction |
| z + L | motion.scroll.MotionScrollHalfWidthRightAction |
| z + M | fold.VimCollapseAllRegions |
| z + N | |
| z + O | fold.VimExpandRegionRecursively |
| z + R | fold.VimExpandAllRegions |
| z + W | |
| z + X | |
| z + ^ | motion.scroll.MotionScrollLastScreenLinePageStartAction |
| z + a | |
| z + b | motion.scroll.MotionScrollLastScreenLineAction |
| z + c | fold.VimCollapseRegion |
| z + d | not applicable |
| z + e | motion.scroll.MotionScrollLastScreenColumnAction |
| z + f | not applicable |
| z + g | |
| z + h | motion.scroll.MotionScrollColumnRightAction |
| z + i | |
| z + j | |
| z + k | |
| z + l | motion.scroll.MotionScrollColumnLeftAction |
| z + m | |
| z + n | |
| z + o | fold.VimExpandRegion |
| z + r | |

| Key binding | Description |
|-------------|---|
| z + s | motion.scroll.MotionScrollFirstScreenColumnAction |
| z + t | motion.scroll.MotionScrollFirstScreenLineAction |
| z + v | |
| z + w | |
| z + x | |
| z + z | motion.scroll.MotionScrollMiddleScreenLineAction |
| z + LEFT | motion.scroll.MotionScrollColumnRightAction |
| z + RIGHT | motion.scroll.MotionScrollColumnLeftAction |

4.3. Visual mode

| Key binding | Description |
|-----------------|--|
| CTRL + CTRL + n | motion.visual.VisualExitModeAction |
| CTRL + CTRL + g | |
| CTRL + a | change.change.number.ChangeVisualNumberIncAction |
| CTRL + c | motion.visual.VisualExitModeAction |
| CTRL + g | motion.select.SelectToggleVisualMode |
| BS | NVO mapping |
| CTRL + h | NVO mapping |
| CTRL + o | |
| CTRL + v | NVO mapping |
| ESC | motion.visual.VisualExitModeAction |
| CTRL + x | change.change.number.ChangeVisualNumberDecAction |
| CTRL +] | |
| ! | change.change.FilterVisualLinesAction |
| : | NVO mapping |
| < | change.shift.ShiftLeftVisualAction |
| = | change.change.AutoIndentLinesVisualAction |
| > | change.shift.ShiftRightVisualAction |
| b + A | change.insert.VisualBlockAppendAction |
| C | change.change.ChangeVisualLinesEndAction |
| D | change.delete.DeleteVisualLinesEndAction |
| b + I | change.insert.VisualBlockInsertAction |
| J | change.delete.DeleteJoinVisualLinesSpacesAction |

| Key binding | Description |
|--------------|---|
| K | |
| O | motion.visual.VisualSwapEndsBlockAction |
| P | copy.PutVisualTextBeforeCursorAction |
| R | change.change.ChangeVisualLinesAction |
| S | change.change.ChangeVisualLinesAction |
| U | change.change.ChangeCaseUpperVisualAction |
| V | NV mapping |
| X | change.delete.DeleteVisualLinesAction |
| Y | copy.YankVisualLinesAction |
| " | motion.object.MotionOuterBlockDoubleQuoteAction |
| a + ' | motion.object.MotionOuterBlockSingleQuoteAction |
| a + (| motion.object.MotionOuterBlockParenAction |
| a +) | motion.object.MotionOuterBlockParenAction |
| a + < | motion.object.MotionOuterBlockAngleAction |
| a + > | motion.object.MotionOuterBlockAngleAction |
| a + B | motion.object.MotionOuterBlockBraceAction |
| a + W | motion.object.MotionOuterBigWordAction |
| a + [| motion.object.MotionOuterBlockBracketAction |
| a +] | motion.object.MotionOuterBlockBracketAction |
| a + ` | motion.object.MotionOuterBlockBackQuoteAction |
| a + b | motion.object.MotionOuterBlockParenAction |
| a + p | motion.object.MotionOuterParagraphAction |
| a + s | motion.object.MotionOuterSentenceAction |
| a + t | motion.object.MotionOuterBlockTagAction |
| a + w | motion.object.MotionOuterWordAction |
| a + { | motion.object.MotionOuterBlockBraceAction |
| a +] | motion.object.MotionOuterBlockBraceAction |
| c | change.change.ChangeVisualAction |
| d | change.delete.DeleteVisualAction |
| g + CTRL + a | change.change.number.ChangeVisualNumberAvalancheIncAction |
| g + CTRL + x | change.change.number.ChangeVisualNumberAvalancheDecAction |
| g + J | change.delete.DeleteJoinVisualLinesAction |
| g + q | change.change.ReformatCodeVisualAction |

| Key binding | Description |
|-----------------------|---|
| <code>g + v</code> | motion.visual.VisualSwapSelectionsAction |
| <code>g + `</code> | motion.mark.MotionGotoFileMarkNoSaveJumpAction |
| <code>i + "</code> | motion.object.MotionInnerBlockDoubleQuoteAction |
| <code>i + '</code> | motion.object.MotionInnerBlockSingleQuoteAction |
| <code>i + (</code> | motion.object.MotionInnerBlockParenAction |
| <code>i +)</code> | motion.object.MotionInnerBlockParenAction |
| <code>i + <</code> | motion.object.MotionInnerBlockAngleAction |
| <code>i + ></code> | motion.object.MotionInnerBlockAngleAction |
| <code>i + B</code> | motion.object.MotionInnerBlockBraceAction |
| <code>i + W</code> | motion.object.MotionInnerBigWordAction |
| <code>i + [</code> | motion.object.MotionInnerBlockBracketAction |
| <code>i +]</code> | motion.object.MotionInnerBlockBracketAction |
| <code>i + `</code> | motion.object.MotionInnerBlockBackQuoteAction |
| <code>i + b</code> | motion.object.MotionInnerBlockParenAction |
| <code>i + p</code> | motion.object.MotionInnerParagraphAction |
| <code>i + s</code> | motion.object.MotionInnerSentenceAction |
| <code>i + t</code> | motion.object.MotionInnerBlockTagAction |
| <code>i + w</code> | motion.object.MotionInnerWordAction |
| <code>i + {</code> | motion.object.MotionInnerBlockBraceAction |
| <code>i + }</code> | motion.object.MotionInnerBlockBraceAction |
| <code>o</code> | motion.visual.VisualSwapEndsAction |
| <code>p</code> | copy.PutVisualTextAfterCursorAction |
| <code>r</code> | change.change.ChangeVisualCharacterAction |
| <code>s</code> | change.change.ChangeVisualAction |
| <code>u</code> | change.change.ChangeCaseLowerVisualAction |
| <code>v</code> | NV mapping |
| <code>x</code> | change.delete.DeleteVisualAction |
| <code>y</code> | copy.YankVisualAction |
| <code>~</code> | change.change.ChangeCaseToggleVisualAction |
| <code>`</code> | motion.mark.MotionGotoFileMarkAction |
| <code>'</code> | motion.mark.MotionGotoFileMarkLineAction |

4.4. Select mode

| Key binding | Description |
|---------------|--|
| BS | motion.select.SelectDeleteAction |
| CR | motion.select.SelectEnterAction |
| DEL | motion.select.SelectDeleteAction |
| ESC | motion.select.SelectEscapeAction |
| CTRL + g | motion.select.SelectToggleVisualMode |
| SHIFT + DOWN | motion.updown.MotionShiftDownAction |
| SHIFT + LEFT | motion.leftright.MotionShiftLeftAction |
| SHIFT + RIGHT | motion.leftright.MotionShiftRightAction |
| SHIFT + UP | motion.updown.MotionShiftUpAction |
| DOWN | motion.updown.MotionArrowDownAction |
| LEFT | motion.select.motion.SelectMotionLeftAction |
| RIGHT | motion.select.motion.SelectMotionRightAction |
| UP | motion.updown.MotionArrowUpAction |

4.5. Command line editing

| Key binding | Description |
|-------------|--------------------------|
| CTRL + a | |
| CTRL + b | beginLineAction |
| CTRL + c | CancelEntryAction |
| CTRL + d | |
| CTRL + e | endLineAction |
| CTRL + g | |
| CTRL + h | DeletePreviousCharAction |
| CTRL + i | |
| CTRL + j | CompleteEntryAction |
| CTRL + k | Handled by KeyHandler |
| CTRL + l | |
| CTRL + m | ex.ProcessExEntryAction |
| CTRL + n | HistoryDownAction |
| CTRL + p | HistoryUpAction |
| CTRL + q | Handled by KeyHandler |

| Key binding | Description |
|---------------------|---------------------------|
| CTRL + r | InsertRegisterAction |
| CTRL + r + CTRL + a | |
| CTRL + r + CTRL + f | |
| CTRL + r + CTRL + l | |
| CTRL + r + CTRL + o | |
| CTRL + r + CTRL + p | |
| CTRL + r + CTRL + r | |
| CTRL + r + CTRL + w | |
| CTRL + t | |
| CTRL + u | DeleteToCursorAction |
| CTRL + v | Handled by KeyHandler |
| CTRL + w | DeletePreviousWordAction |
| CTRL + y | |
| CTRL + \ + e | |
| CTRL + \ + CTRL + g | |
| CTRL + \ + CTRL + n | |
| CTRL + _ | not applicable |
| CTRL + ^ | not applicable |
| CTRL +] | |
| CTRL + [| EscapeCharAction |
| BS | DeletePreviousCharAction |
| CR | CompleteEntryAction |
| CTRL + LEFT | previousWordAction |
| CTRL + RIGHT | nextWordAction |
| DEL | deleteNextCharAction |
| DOWN | HistoryDownFilterAction |
| END | endLineAction |
| ESC | EscapeCharAction |
| HOME | #beginLineAction |
| INSERT | ToggleInsertReplaceAction |
| LEFT | #backwardAction |
| LeftMouse | not applicable |
| MiddleMouse | |

| Key binding | Description |
|--------------------|-----------------------|
| ENTER | CompleteEntryAction |
| PAGEUP | HistoryUpAction |
| PAGEDOWN | HistoryDownAction |
| RIGHT | forwardAction |
| SHIFT + DOWN | HistoryDownAction |
| SHIFT + LEFT | previousWordAction |
| SHIFT + RIGHT | nextWordAction |
| SHIFT + TAB | |
| SHIFT + UP | HistoryUpAction |
| TAB | |
| UP | HistoryUpFilterAction |
| digraph | {char1} <BS> {char2} |
| wildchar | |

4.6. Ex commands

| Command | Handler |
|----------------|----------------|
| :map | MapHandler |
| :nmap | |
| :vmap | |
| :omap | |
| :imap | |
| :cmap | |
| :noremap | |
| :nnoremap | |
| :vnoremap | |
| :onoremap | |
| :inoremap | |
| :cnoremap | |
| :shell | ShellHandler |
| :sort | SortHandler |
| :source | SourceHandler |
| :qall | ExitHandler |
| :quitall | ExitHandler |

| Command | Handler |
|-------------|-----------------|
| :quitall | ExitHandler |
| :wqall | ExitHandler |
| :xall | ExitHandler |
| :command | CmdHandler |
| :delcommand | DelCmdHandler |
| :comclear | CmdClearHandler |
| :help | |



The list of supported Ex commands is incomplete.

4.7. Misc commands

| Key binding | Description |
|-----------------------|---|
|] b | motion.text.MotionCamelEndLeftAction |
|] w | motion.text.MotionCamelEndRightAction |
| [b | motion.text.MotionCamelLeftAction |
| [w | motion.text.MotionCamelRightAction |
| g + ((| motion.text.MotionSentencePreviousEndAction |
| g + () | motion.text.MotionSentenceNextEndAction |

5. IdeaVim Plugins

5.1. NerdTree

| Key binding | Description |
|---------------------|--|
| 0 | Open files, directories and bookmarks |
| g + 0 | Open selected file, but leave cursor in the NERDTree |
| t | Open selected node/bookmark in a new tab |
| T | Same as 't' but keep the focus on the current tab |
| i | Open selected file in a split window |
| g + i | Same as i, but leave the cursor on the NERDTree |
| s | Open selected file in a new vsplit |
| g + s | Same as s, but leave the cursor on the NERDTree |
| 0 | Recursively open the selected directory |
| x | Close the current nodes parent |

| Key binding | Description |
|-------------|--|
| X | Recursively close all children of the current node |
| P | Jump to the root node |
| p | Jump to current nodes parent |
| K | Jump up inside directories at the current tree depth |
| J | Jump down inside directories at the current tree depth |
| CTRL + J | Jump down to next sibling of the current directory |
| CTRL + K | Jump up to previous sibling of the current directory |
| r | Recursively refresh the current directory |
| R | Recursively refresh the current root |
| m | Display the NERDTree menu |
| q | Close the NERDTree window |
| A | Zoom (maximize/minimize) the NERDTree window |

5.2. Easy Motion

80 of the original 87 vim-easymotion ands are supported. By default, only few commands have keybindings:

| Default Mapping | <Plug> command | Description |
|----------------------|-----------------------|-------------------------------------|
| SPC + SPC + f {char} | <Plug>(easymotion-f) | Find {char} to the right |
| SPC + SPC + F {char} | <Plug>(easymotion-F) | Find {char} to the left |
| SPC + SPC + t {char} | <Plug>(easymotion-t) | Till before the {char} to the right |
| SPC + SPC + T {char} | <Plug>(easymotion-T) | Till after the {char} to the left |
| SPC + SPC + w | <Plug>(easymotion-w) | Beginning of word forward |
| SPC + SPC + W | <Plug>(easymotion-W) | Beginning of WORD forward |
| SPC + SPC + b | <Plug>(easymotion-b) | Beginning of word backward |
| SPC + SPC + B | <Plug>(easymotion-B) | Beginning of WORD backward |
| SPC + SPC + e | <Plug>(easymotion-e) | End of word forward |
| SPC + SPC + E | <Plug>(easymotion-E) | End of WORD forward |
| SPC + SPC + g + e | <Plug>(easymotion-ge) | End of word backward |
| SPC + SPC + g + E | <Plug>(easymotion-gE) | End of WORD backward |
| SPC + SPC + j | <Plug>(easymotion-j) | Line downward |
| SPC + SPC + k | <Plug>(easymotion-k) | Line upward |
| SPC + SPC + n | <Plug>(easymotion-n) | Jump to latest "/" or "?" forward |
| SPC + SPC + N | <Plug>(easymotion-N) | Jump to latest "/" or "?" backward |

| Default Mapping | <Plug> command | Description |
|-----------------|----------------------|--|
| SPC + SPC + S | <Plug>(easymotion-s) | Find(Search) {char} forward and backward |

6. Spacemacs Key Binding

6.1. Leader SPC

| Key binding | Description |
|-------------|------------------------|
| SPC + TAB | Focus last buffer |
| SPC + ! | Open terminal window |
| SPC + ' | Open terminal window |
| SPC + * | Show usages for symbol |
| SPC + ; + ; | Comment lines |
| SPC + ? | Show key bindings |

6.2. Applications SPC + a

| Key binding | Description |
|-----------------|----------------------|
| SPC + a + k | Plugins marketplace |
| SPC + a + o + t | Show TODOs |
| SPC + a + P | Show CPU usage |
| SPC + a + p | List processes |
| SPC + a + s | Open terminal window |

6.3. Buffers SPC + b

| Key binding | Description |
|-------------|--------------------------------|
| SPC + b + b | Recent files |
| SPC + b + d | Close tab |
| SPC + b + m | Show event log |
| SPC + b + n | Next tab |
| SPC + b + P | Copy clipboard to whole buffer |
| SPC + b + p | Previous tab |
| SPC + b + s | New scratch buffer |
| SPC + b + u | Reopen closed tab |
| SPC + b + x | Close window (with its tabs) |

| Key binding | Description |
|---------------------------------|------------------------------------|
| <code>SPC + b + Y</code> | Copy whole buffer |
| <code>SPC + b + CTRL + d</code> | Close other tabs in current window |

6.4. Colors `SPC + C`

| Key binding | Description |
|--------------------------|-------------|
| <code>SPC + C + L</code> | Pick color |

6.5. Compile/comments `SPC + C`

| Key binding | Description |
|--------------------------|---|
| <code>SPC + c + C</code> | Compile selected file, package or module |
| <code>SPC + c + c</code> | Make project |
| <code>SPC + c + l</code> | Comment lines |
| <code>SPC + c + m</code> | Make module |
| <code>SPC + c + p</code> | Comment paragraph |
| <code>SPC + c + t</code> | Comment from begin of buffer up to current line |
| <code>SPC + c + y</code> | Copy and comment current line |

6.6. Errors `SPC + e`

| Key binding | Description |
|--------------------------|-------------------|
| <code>SPC + e + l</code> | List errors |
| <code>SPC + e + N</code> | Previous error |
| <code>SPC + e + n</code> | Next error |
| <code>SPC + e + p</code> | Previous error |
| <code>SPC + e + s</code> | Select inspection |
| <code>SPC + e + x</code> | Explain error |

6.7. Frame `SPC + F`

| Key binding | Description |
|--------------------------|--------------------|
| <code>SPC + F + o</code> | Focus next project |

6.8. Files `SPC + f`

| Key binding | Description |
|------------------------------|----------------------------------|
| <code>SPC + f + b</code> | Show bookmarks |
| <code>SPC + f + e + d</code> | Settings |
| <code>SPC + f + e + R</code> | Reload <code>~/.ideavimrc</code> |
| <code>SPC + f + F</code> | Find files |
| <code>SPC + f + f</code> | Find files |
| <code>SPC + f + g</code> | Search in project |
| <code>SPC + f + R</code> | Rename file |
| <code>SPC + f + r</code> | Recent files |
| <code>SPC + f + S</code> | Save all files |
| <code>SPC + f + s</code> | Save file |
| <code>SPC + f + t</code> | Project window |
| <code>SPC + f + y + y</code> | Copy file path |

6.9. Git `SPC + g`

| Key binding | Description |
|------------------------------|-----------------------|
| <code>SPC + g + c</code> | Git clone |
| <code>SPC + g + f + l</code> | Show current file log |
| <code>SPC + g + i</code> | Git init |
| <code>SPC + g + s</code> | Show local changes |
| <code>SPC + g + v + +</code> | Update project |
| <code>SPC + g + v + g</code> | Annotate |
| <code>SPC + g + v + l</code> | Show log |

6.10. Help `SPC + h`

| Key binding | Description |
|------------------------------|--------------------------------------|
| <code>SPC + h + k</code> | Show key bindings |
| <code>SPC + h + d + b</code> | Show key bindings |
| <code>SPC + h + d + k</code> | Show key bindings |
| <code>SPC + h + p</code> | Visit IntelliJ Plugins Repository |
| <code>SPC + h + r</code> | Visit IntelliJ documentation website |
| <code>SPC + h + SPC</code> | Visit IntelliJ documentation website |

6.11. Insertion `SPC + i`

| Key binding | Description |
|------------------------------|------------------------------|
| <code>SPC + i + j</code> | Insert line below |
| <code>SPC + i + k</code> | Insert line above |
| <code>SPC + i + l + p</code> | Insert lorem ipsum paragraph |
| <code>SPC + i + l + s</code> | Insert lorem ipsum sentence |
| <code>SPC + i + s</code> | Insert snippet |

6.12. Jump/Join/Split `SPC + j`

| Key binding | Description |
|--------------------------|--------------------------------------|
| <code>SPC + j + =</code> | Reformat code |
| <code>SPC + j + D</code> | Project window |
| <code>SPC + j + d</code> | Project window |
| <code>SPC + j + j</code> | Jump to character (AceJump required) |
| <code>SPC + j + l</code> | Jump to line (AceJump required) |
| <code>SPC + j + n</code> | Insert new line and move down |
| <code>SPC + j + o</code> | Insert new line |

6.13. Narrow/Numbers `SPC + n`

| Key binding | Description |
|--------------------------|------------------|
| <code>SPC + n + +</code> | Increment number |
| <code>SPC + n + =</code> | Increment number |
| <code>SPC + n + -</code> | Decrement number |

6.14. Projects `SPC + p`

| Key binding | Description |
|--------------------------|--|
| <code>SPC + p + !</code> | Open terminal in project root |
| <code>SPC + p + a</code> | Toggle between implementation and test |
| <code>SPC + p + b</code> | Recent files |
| <code>SPC + p + h</code> | Recent files |
| <code>SPC + p + r</code> | Recent files |
| <code>SPC + p + c</code> | Make project |

| Key binding | Description |
|-------------|--------------------|
| SPC + p + D | Project window |
| SPC + p + t | Project window |
| SPC + p + f | Find files |
| SPC + p + I | Invalidate cache |
| SPC + p + p | Recent projects |
| SPC + p + R | Replace in path |
| SPC + p + T | Rerun tests |
| SPC + p + v | Show local changes |

6.15. Quit SPC + q

| Key binding | Description |
|-------------|----------------------------|
| SPC + q + f | Close project |
| SPC + q + q | Close project |
| SPC + q + Q | Exit (close all projects) |
| SPC + q + s | Save all and close project |

6.16. Registers/Rings/Resume SPC + r

| Key binding | Description |
|-------------|-------------------|
| SPC + r + b | Recent files |
| SPC + r + B | Recent files |
| SPC + r + e | Show registers |
| SPC + r + s | Search in project |
| SPC + r + y | Show kill ring |

6.17. Search/Symbol SPC + s

| Key binding | Description |
|-------------|---------------------------------|
| SPC + s + c | Clear search highlights |
| SPC + s + e | Rename symbol |
| SPC + s + h | Toggle highlight current symbol |
| SPC + s + l | Search in project |
| SPC + s + P | Find usages |
| SPC + s + p | Search in project |

| Key binding | Description |
|-------------|-------------------|
| SPC + S + S | Search in project |

6.18. UI toogles/themes SPC + T

| Key binding | Description |
|-------------|------------------------------|
| SPC + T + t | Toggle distraction free mode |

6.19. Toggles SPC + t

| Key binding | Description |
|-------------|------------------------------|
| SPC + t + i | Toggle show indent guide |
| SPC + t + l | Toggle truncate lines |
| SPC + t + n | Toggle line numbers |
| SPC + t + r | Toggle relative line numbers |
| SPC + t + w | Toggle show whitespaces |

6.20. Text SPC + x

| Key binding | Description |
|-------------------|---|
| SPC + x + c | Count words and characters |
| SPC + x + w + c | Count words and characters |
| SPC + x + d + SPC | Delete all spaces except one |
| SPC + x + i | String inflection (CamelCase plugin required) |
| SPC + x + J | Move lines down |
| SPC + x + K | Move lines up |
| SPC + x + t + c | Transpose characters |
| SPC + x + t + l | Transpose lines |
| SPC + x + U | Upcase region |
| SPC + x + u | Downcase region |

6.21. Windows SPC + w

| Key binding | Description |
|-------------|--------------------|
| SPC + w + / | Split window right |
| SPC + w + v | Split window right |
| SPC + w + - | Split window below |

| Key binding | Description |
|-----------------|------------------------------|
| SPC + w + s | Split window below |
| SPC + w + d | Close window (with its tabs) |
| SPC + w + x | Close window (with its tabs) |
| SPC + w + h | Focus window left |
| SPC + w + LEFT | Focus window left |
| SPC + w + j | Focus window down |
| SPC + w + DOWN | Focus window down |
| SPC + w + k | Focus window up |
| SPC + w + UP | Focus window up |
| SPC + w + l | Focus window right |
| SPC + w + RIGHT | Focus window right |
| SPC + w + o | Focus next project |
| SPC + w + p + m | Show Event Log window |
| SPC + w + S | Split window below and focus |
| SPC + w + V | Split window right and focus |
| SPC + w + w | Focus next window |

6.22. Zoom SPC + z + x

| Key binding | Description |
|-----------------|--------------------|
| SPC + z + x + + | Increase font size |
| SPC + z + x + = | Increase font size |
| SPC + z + x + - | Decrease font size |
| SPC + z + x + 0 | Reset font size |

6.23. Miscellaneous

| Key binding | Description |
|-------------|-------------------------------------|
| g + , | Go to next change |
| g + ; | Go to last change |
| g + d | Go to declaration |
| z + m | Collapse all folds |
| z + r | Open all folds |
| CTRL + i | Jump to previously visited location |
| CTRL + o | Jump to lately visited location |

| Key binding | Description |
|-------------|-------------------|
| ALT + x | Execute an action |

7. Major SPC + m

7.1. Leader

| Key binding | Description |
|-------------|---------------|
| SPC + m + = | Reformat code |

7.2. Compile SPC + m + c

| Key binding | Description |
|-----------------|--|
| SPC + m + c + C | Compile selected file, package or module |
| SPC + m + c + c | Make project |

7.3. Debug SPC + m + d

| Key binding | Description |
|-----------------|------------------------------------|
| SPC + m + d + B | View breakpoints |
| SPC + m + d + b | Toggle breakpoint |
| SPC + m + d + C | Clear all breakpoints |
| SPC + m + d + c | Continue (Go to next breakpoint) |
| SPC + m + d + D | Debug class |
| SPC + m + d + d | Debug |
| SPC + m + d + n | Next (Step over) |
| SPC + m + d + o | Step out (same as "finish" in gdb) |
| SPC + m + d + r | Select configuration and debug |
| SPC + m + d + s | Step (Step into) |

7.4. Go SPC + m + g

| Key binding | Description |
|-----------------|------------------------|
| SPC + m + g + g | Go to declaration |
| SPC + m + g + i | Go to implementation |
| SPC + m + g + t | Go to type declaration |
| SPC + m + g + [| Go to code block start |

| Key binding | Description |
|------------------------------|----------------------|
| <code>SPC + m + g +]</code> | Go to code block end |

7.5. Help-hierarchy `SPC + m + h`

| Key binding | Description |
|------------------------------|-----------------------|
| <code>SPC + m + h + c</code> | Call hierarchy |
| <code>SPC + m + h + H</code> | Show implementation |
| <code>SPC + m + h + h</code> | Show documentation |
| <code>SPC + m + h + i</code> | Inheritance hierarchy |
| <code>SPC + m + h + t</code> | Type definition |
| <code>SPC + m + h + U</code> | Show usages |
| <code>SPC + m + h + u</code> | Find usages |

7.6. Projects `SPC + m + p`

| Key binding | Description |
|------------------------------|----------------|
| <code>SPC + m + p + b</code> | Make project |
| <code>SPC + m + p + c</code> | Create project |
| <code>SPC + m + p + i</code> | Import project |
| <code>SPC + m + p + o</code> | Open project |
| <code>SPC + m + p + r</code> | Run project |

7.7. Refactoring `SPC + m + r`

| Key binding | Description |
|----------------------------------|--|
| <code>SPC + m + r + C</code> | Code cleanup |
| <code>SPC + m + r + c</code> | Create constructor |
| <code>SPC + m + r + e + m</code> | Extract method |
| <code>SPC + m + r + e + s</code> | Extract superclass |
| <code>SPC + m + r + G</code> | Generate getter and setter |
| <code>SPC + m + r + g</code> | Select what to generate |
| <code>SPC + m + r + I</code> | Implement Methods |
| <code>SPC + m + r + i</code> | Optimize imports |
| <code>SPC + m + r + N</code> | Create a new Element |
| <code>SPC + m + r + n</code> | Create a new class. Also enum, interface and more. |

| Key binding | Description |
|------------------------------|-----------------------------|
| <code>SPC + m + r + R</code> | Choose a refactoring action |
| <code>SPC + m + r + r</code> | Rename symbol |

8. Extra

8.1. Leader

| Key binding | Description |
|----------------------|------------------------|
| <code>SPC + [</code> | Go to code block start |
| <code>SPC +]</code> | Go to code block end |

8.2. Applications `SPC + a`

| Key binding | Description |
|--------------------------|-------------|
| <code>SPC + a + t</code> | Show TODOs |

8.3. Bookmarks `SPC + B`

| Key binding | Description |
|--------------------------|-------------------------------|
| <code>SPC + B + l</code> | List bookmarks |
| <code>SPC + B + N</code> | Previous bookmark |
| <code>SPC + B + n</code> | Next bookmark |
| <code>SPC + B + p</code> | Previous bookmark |
| <code>SPC + B + T</code> | Toggle bookmark with mnemonic |
| <code>SPC + B + t</code> | Toggle bookmark |

8.4. Buffers `SPC + b`

| Key binding | Description |
|---------------------------|-----------------|
| <code>SPC + b + 0</code> | Go to first tab |
| <code>SPC + b + \$</code> | Go to last tab |
| <code>SPC + b + j</code> | Previous tab |
| <code>SPC + b + k</code> | Next tab |

8.5. Compile/Comments **SPC + c**

| Key binding | Description |
|--------------------|---------------|
| SPC + c + b | Block comment |

8.6. Errors **SPC + e**

| Key binding | Description |
|--------------------|---------------------|
| SPC + e + L | Inspect code |
| SPC + e + R | Resolve error |
| SPC + e + S | Inspection settings |

8.7. Frame **SPC + F**

| Key binding | Description |
|--------------------|------------------------|
| SPC + F + 0 | Focus previous project |

8.8. Files **SPC + f**

| Key binding | Description |
|--------------------|--|
| SPC + f + N | Create a new Element |
| SPC + f + n | Create a new class. Also enum, interface and more. |

8.9. Git **SPC + g**

| Key binding | Description |
|--------------------|------------------------------------|
| SPC + g + b | Git branches (checkout) |
| SPC + g + G | Version control tool window |
| SPC + g + g | Select a version control operation |
| SPC + g + p | Push |
| SPC + g + S | Show shelf |

8.10. Help/History **SPC + h**

| Key binding | Description |
|--------------------|---------------------------------|
| SPC + h + a | Show action list |
| SPC + h + h | Show changes in current file |
| SPC + h + v | Visit JetBrains youtube channel |

8.11. Jump SPC + j

| Key binding | Description |
|-------------|---------------------------------|
| SPC + j + c | Jump to class |
| SPC + j + e | Jump to element in current file |
| SPC + j + s | Jump to symbol |

8.12. Run SPC + R

| Key binding | Description |
|-------------|------------------------------|
| SPC + R + a | Run Anything |
| SPC + R + c | Run class |
| SPC + R + k | Stop application (Kill) |
| SPC + R + r | Run |
| SPC + R + s | Select configuration and run |

8.13. Search SPC + s

| Key binding | Description |
|-------------|-------------------------|
| SPC + s + E | Search everywhere |
| SPC + s + f | Search in current file |
| SPC + s + r | Replace in current file |

8.14. UI toggles/themes SPC + T

| Key binding | Description |
|-------------|--|
| SPC + T + m | Hide all windows except the ones with code |
| SPC + T + p | Toggle presentation mode |
| SPC + T + T | Toggle presentation or distraction free mode |

8.15. Toggles SPC + t

| Key binding | Description |
|-------------|---------------------|
| SPC + t + g | Toggle Gutter icons |
| SPC + t + p | Toggle power save |

8.16. Windows **SPC** + **W**

| Key binding | Description |
|----------------------------------|---------------------------------|
| SPC + W + H | Focus window far left |
| SPC + W + J | Focus window very bottom |
| SPC + W + K | Focus window very top |
| SPC + W + L | Focus window far right |
| SPC + W + M | Show only code windows |
| SPC + W + O | Move tab to the opposite window |

8.17. Zoom **SPC** + **Z**

| Key binding | Description |
|----------------------------------|--------------------|
| SPC + Z + + | Increase font size |
| SPC + Z + = | Increase font size |
| SPC + Z + - | Decrease font size |
| SPC + Z + 0 | Reset font size |

9. Configuration File

ideavimrc

```
" _*- mode: vimrc -*-"
" * Plugins:
"   - IdeaVim
"   - IDEA Which-Key
"   - AceJump
"
" * Preset configuration: Intellimacs https://github.com/MarcoIeni/intellimacs

" Selected Intellimacs modules
source ~/.intellimacs/spacemacs.vim
source ~/.intellimacs/extra.vim
source ~/.intellimacs/major.vim
source ~/.intellimacs/hybrid.vim
source ~/.intellimacs/which-key.vim

" some options
" which-key options
set notimeout
set timeoutlen=10000
" In Windows it's important to set the font as the default = "Monospace", which
doesn't exist
```

```

let g:WhichKey_FontFamily = "JetBrains Mono, Iosevka Slab, Monospace"
"let g:WhichKey_DefaultDelay = 500

" some options
" Silent the annoying bell sound
set visualbell
set noerrorbells

" Let's make escape better, together.
inoremap jj <Esc>

set ignorecase
set smartcase
set number
set ideajoin

" Integrate with system clipboard
set clipboard=unnamedplus,unnamed

" some plugins
set NERDTree
set surround          " emulate vim-surround plugin: Commands: ys, cs, ds, S
set easymotion        " need to install IdeaVim-EasyMotion and AceJump plugins.
"set commentary        " Commands: gcc, gc + motion, v_gc
set multiple-cursors   " Commands: <A-n>, <A-x>, <A-p>, g<A-n>
set exchange           " Commands: cx, cxx, X, cxc
set argtextobj         " Additional text objects: aa, ia
set textobj-entire     " Additional text objects: ae, ie
"set ReplaceWithRegister " Commands: gr, grr
set highlightedyank

"=====
" Improve some keybindings
"=====

" Center screen when jumping to next match
nnoremap n nzz
nnoremap N Nzz
vnoremap n nzz
vnoremap N Nzz

" Make Y behave like other capital commands.
nnoremap Y y$

" Quit visual mode
vnoremap v <Esc>

" Redo
nnoremap U <C-r>

" don't lose selection when indenting

```

```

vnoremap < <gv
vnoremap > >gv
vnoremap = =gv

"=====
" Often used shortcuts start with 'g'
"----

" Navigate - Go/Jump
let g:WhichKeyDesc_gf_Forward = "gf go forward"
nnoremap gf :action Forward<CR>

let g:WhichKeyDesc_gb_Backward = "gb go back"
nnoremap gb :action Back<CR>

let g:WhichKeyDesc_goto_CodeBlockStart = "g[ goto code block start"
nnoremap g[ :action EditorCodeBlockStart<CR>

let g:WhichKeyDesc_goto_CodeBlockEnd = "g] goto code block end"
nnoremap g] :action EditorCodeBlockEnd<CR>

let g:WhichKeyDesc_goto_MethodDown = "g{ goto method down"
nnoremap g{ :action MethodDown<CR>

let g:WhichKeyDesc_goto_MethodUp = "g} goto method up"
nnoremap g} :action MethodUp<CR>

" Override InsertAtPreviousInsertAction
let g:WhichKeyDesc_gi_Implementation = "gi goto implementation"
nnoremap gi :action GotoImplementation<CR>

let g:WhichKeyDesc_gd_Declaration = "gd goto declaration"
nnoremap gd :action GotoDeclaration<CR>

let g:WhichKeyDesc_gI_QuickImplementations = "gI quick implementation"
nnoremap gI :action QuickImplementations<CR>

let g:WhichKeyDesc_gT_QuickTypeDefinition = "gT quick type definition"
nnoremap gT :action QuickTypeDefinition<CR>

" go to other Actions
" nnoremap gA :action SearchEverywhere<CR> " the same as double shift

let g:WhichKeyDesc_gC_GotoClass = "gC goto class"
nnoremap gC :action GotoClass<CR>

let g:WhichKeyDesc_gF_GotoFile = "gF goto file"
nnoremap gF :action GotoFile<CR>

let g:WhichKeyDesc_gS_GotoSymbol = "gS goto symbol"
nnoremap gS :action GotoSymbol<CR>

```

```

let g:WhichKeyDesc_gB_ShowNavBar = "gB show navigation bar"
nnoremap gB :action ShowNavBar<CR>

" Errors
let g:WhichKeyDesc_gx_GotoNextError = "gx goto next error"
nmap gx :action GotoNextError<CR>

let g:WhichKeyDesc_gX_GotoPreviousError = "gX goto previous error"
nmap gX :action GotoPreviousError<CR>

" Show references
" nnoremap gr :action ShowUsages<CR> " conflict; use this instead: <Leader> *
let g:WhichKeyDesc_gj_ShowUsages = "gj show usages"
nnoremap gj :action ShowUsages<CR>

let g:WhichKeyDesc_gR_FindUsages = "gR find usages"
nnoremap gR :action FindUsages<CR>

let g:WhichKeyDesc_gs_FileStructurePopup = "gs show structure popup"
nnoremap gs :action FileStructurePopup<CR>

let g:WhichKeyDesc_gt_TypeHierarchy = "gt show type hierarchy"
nnoremap gt :action TypeHierarchy<CR>

let g:WhichKeyDesc_gm_MethodHierarchy = "gm show method hierarchy"
nnoremap gm :action MethodHierarchy<CR>

" 'gc' is conflict with 'gcc' -> <Plug>(CommentLine)
let g:WhichKeyDesc_gl_CallHierarchy = "gl show call hierarchy"
nnoremap gl :action CallHierarchy<CR>

" toggle maximising editor window
let g:WhichKeyDesc_gw_HideAllWindows = "gw maximising editor window"
nnoremap gw :action HideAllWindows<CR>

" wrap
let g:WhichKeyDesc_gq_WrapAction = "gq wrap"
nnoremap gq :action com.andrewbrookins.idea.wrap.WrapAction<CR>

let g:WhichKeyDesc_gQ_WrapParagraphAction = "gQ wrap paragraph"
nnoremap gQ :action com.andrewbrookins.idea.wrap.WrapParagraphAction<CR>

inoremap <A-q> :action com.andrewbrookins.idea.wrap.WrapAction<CR>
inoremap <A-Q> :action com.andrewbrookins.idea.wrap.WrapParagraphAction<CR>

" Yank entire buffer with gy
let g:WhichKeyDesc_gy_YankEntireBuffer = "gy yank entire buffer"
nnoremap gy :%y+<cr>

```

```

"=====
" Often used shortcuts start with another leader = ','

"=====

" edit configuration file
let g:WhichKeyDesc_comma_EditConfig = ",. edit configuration"
" In Windows: nnoremap ,. :edit ~\.ideavimrc<CR>
nnoremap ,. :edit ~/.ideavimrc<CR>

" reload configuration file
let g:WhichKeyDesc_comma_Reload = ",, reload configuration"
" In Windows: nnoremap ,, :source ~\.ideavimrc<CR>
nnoremap ,, :source ~/.ideavimrc<CR>

" Comment
let g:WhichKeyDesc_comma_LineComment = ",; line comment"
nnoremap ,; :action CommentByLineComment<CR>

" argument/parameter info
let g:WhichKeyDesc_comma_ParameterInfo = ",a parameter/argument info"
nnoremap ,a :action ParameterInfo<CR>

" recent locations
let g:WhichKeyDesc_comma_RecentLocations = ",l recent locations"
nnoremap ,l :action RecentLocations<CR>

" Yank and paste from clipboard
let g:WhichKeyDesc_comma_CopyToClipboard = ",y copy to clipboard"
nnoremap ,y "+y
vnoremap ,y "+y

let g:WhichKeyDesc_comma_CopyLineToClipboard = ",yy copy line to clipboard"
nnoremap ,yy "+yy

let g:WhichKeyDesc_comma_PasteFromClipboard = ",p paste from clipboard"
nnoremap ,p "+p

let g:WhichKeyDesc_comma_ShowBookmarks = ",b show bookmarks"
nnoremap ,b :action ShowBookmarks<CR>

let g:WhichKeyDesc_comma_PopupMene = ",m show popup menu"
nnoremap ,m :action ShowPopupMenu<CR>

" Find
let g:WhichKeyDesc_comma_Find = ",f find"
nnoremap ,f :action Find<CR>

let g:WhichKeyDesc_comma_FindInPath = ",/ find in path"
nnoremap ,/ :action FindInPath<CR>

" Refactorings

```

```

let g:WhichKeyDesc_comma_RefactoringPopupMenu = ",R refactoring popup menu"
nnoremap ,R :action Refactorings.QuickListPopupAction<CR>

let g:WhichKeyDesc_comma_RefactorRename = ",rr refactor: rename"
nmap ,rr :action RenameElement<CR>

let g:WhichKeyDesc_comma_RefactorGenerate = ",rg refactor: generate"
nmap ,rg :action Generate<CR>

let g:WhichKeyDesc_comma_RefactorOptimizeImports = ",ri refactor: optimise imports"
nmap ,ri :action OptimizeImports<CR>
" Inspection
let g:WhichKeyDesc_comma_RefactorInspectCode = ",rc refactor: inspect code"
nmap ,rc :action InspectCode<CR>

" Git
let g:WhichKeyDesc_comma_GitMenu = ",g Git menu"
nmap ,g :action Git.Menu<CR>

let g:WhichKeyDesc_comma_VcsMenu = ",G VCS menu"
nmap ,G :action Vcs.QuickListPopupAction<CR>

"=====
" Often used shortcuts start with 't'
"----

" Tab operation
" nnoremap tn gt
" nnoremap tp gT

"=====
" Emacs keybindings
"----

" Split window right
nnoremap <c-x>3 :action SplitVertically<CR>
vnoremap <c-x>3 <Esc>:action SplitVertically<CR>

" Split window below
nnoremap <c-x>2 :action SplitHorizontally<CR>
vnoremap <c-x>2 <Esc>:action SplitHorizontally<CR>

" Focus next window
nnoremap <c-x>o :action NextSplitter<CR>
vnoremap <c-x>o <Esc>:action NextSplitter<CR>

" Close all windows except current
nnoremap <c-x>1 :action Unsplit<CR><Esc><CR>
vnoremap <c-x>1 <Esc>:action Unsplit<CR><Esc><CR>

" Switch among recently opened files

```

```

nnoremap <c-x>b      :action RecentFiles<CR>
nnoremap <c-x><c-b> :action RecentFiles<CR>
vnoremap <c-x>b      :action RecentFiles<CR>
vnoremap <c-x><c-b> :action RecentFiles<CR>

"=====
" Misc keybindings
"----

let g:WhichKeyDesc_leaderRM_ExecuteGoal = "<leader>RM Maven execute goal"
nnoremap <Leader>RM :action Maven.ExecuteGoal<CR>

let g:WhichKeyDesc_leaderRm_ActivateMavenToolWindow = "<leader>Rm Maven tool window"
nnoremap <Leader>Rm :action ActivateMavenToolWindow<CR>

" change font size
nmap + :action EditorIncreaseFontSize<CR>
nmap - :action EditorDecreaseFontSize<CR>
nmap <leader>= :action EditorResetFontSize<CR>

" save a key stroke for major mode of spacemacs
nmap \ <Leader>m

"=====
" Documenting shortcuts
"----

"=====
" Documenting shortcuts for window commands CTRL+w
"----

let g:WhichKeyDesc_ctrlw = "<C-w> +window"
let g:WhichKeyDesc_ctrlwS_HorizontalSplit = "<C-w>S horizontal split"
let g:WhichKeyDesc_ctrlwW_WindowPrev = "<C-w>W previous window"
let g:WhichKeyDesc_ctrlwc_CloseWindow = "<C-w>c close window"
let g:WhichKeyDesc_ctrlwh_WindowLeft = "<C-w>h left window"
let g:WhichKeyDesc_ctrlwj_WindowDown = "<C-w>j below window"
let g:WhichKeyDesc_ctrlwk_WindowUp = "<C-w>k above window"
let g:WhichKeyDesc_ctrlwl_WindowRight = "<C-w>l right window"
let g:WhichKeyDesc_ctrlwo_WindowOnly = "<C-w>o only this window"
let g:WhichKeyDesc_ctrlws_HorizontalSplit = "<C-w>s horizontal split"
let g:WhichKeyDesc_ctrlwv_VerticalSplit = "<C-w>v vertical split"
let g:WhichKeyDesc_ctrlww_WindowNext = "<C-w>w next window"
let g:WhichKeyDesc_ctrlwDown_WindowDown = "<C-w><Down> below window"
let g:WhichKeyDesc_ctrlwUp_WindowUp = "<C-w><Up> above window"
let g:WhichKeyDesc_ctrlwLeft_WindowLeft = "<C-w><Left> left window"
let g:WhichKeyDesc_ctrlwRight_WindowRight = "<C-w><Right> right window"
let g:WhichKeyDesc_ctrlw_ctrllh_WindowLeft = "<C-w><C-h> left window"
let g:WhichKeyDesc_ctrlw_ctrlll_WindowRight = "<C-w><C-l> right window"
let g:WhichKeyDesc_ctrlw_ctrllk_WindowUp = "<C-w><C-k> above window"
let g:WhichKeyDesc_ctrlw_ctrllj_WindowDown = "<C-w><C-j> below window"
let g:WhichKeyDesc_ctrlw_ctrllo_WindowOnly = "<C-w><C-o> only this window"

```

```

let g:WhichKeyDesc_ctrlw_ctrls_HorizontalSplit = "<C-w><C-s> horizontal split"
let g:WhichKeyDesc_ctrlw_ctrlv_VerticalSplit = "<C-w><C-v> vertical split"
let g:WhichKeyDesc_ctrlw_ctrlw_WindowNext = "<C-w><C-w> next window"

"=====
" Documenting shortcuts start with 'g'
"----

let g:WhichKeyDesc_g_SearchWordBackward = "g# search word backward"
let g:WhichKeyDesc_g_LastScreenColumn = "g$ goto last screen column"
let g:WhichKeyDesc_g_ChangeLastGlobalSearchReplace = "g& change last global replace"
let g:WhichKeyDesc_g_GotoMarkLineNoSaveJump = "g' goto mark line"
let g:WhichKeyDesc_g_GotoMarkNoSaveJump = "g` goto mark"
let g:WhichKeyDesc_g_SearchWordForward = "g* search word forward"
let g:WhichKeyDesc_g_GotoNextChange = "g, goto next change"
let g:WhichKeyDesc_g_FirstScreenColumn = "g0 goto first screen column"
let g:WhichKeyDesc_g_GotoLastChange = "g; goto last change"

"=====
" Documenting shortcuts start with 'z'
"----

let g:WhichKeyDesc_z_ScrollFirstScreenLineStart = "z<Enter> scroll to first screen
line start"
let g:WhichKeyDesc_z_ScrollFirstScreenLinePageStart = "z+ scroll to first screen line
page start"
let g:WhichKeyDesc_z_ScrollLastScreenLineStart = "z- scroll to last screen line page
start"
let g:WhichKeyDesc_z_ScrollMiddleScreenLineStart = "z. scroll to middle screen line
start"
let g:WhichKeyDesc_zC_CollapseRegionRecursively = "zC collapse region recursively"
let g:WhichKeyDesc_zH_ScrollHalfWidthLeft = "zH scroll half width left"
let g:WhichKeyDesc_zL_ScrollHalfWidthRight = "zL scroll half width right"
let g:WhichKeyDesc_zM_CollapseAllRegions = "zM collapse all regions"
let g:WhichKeyDesc_z0_ExpandRegionRecursively = "z0 expand region recursively"
let g:WhichKeyDesc_zR_ExpandAllRegions = "zR expand all regions"
let g:WhichKeyDesc_z_ScrollLastScreenLinePageStart = "z^ scroll to last screen line
page start"
let g:WhichKeyDesc_zb_ScrollLastScreenLine = "zb scroll to last screen line"
let g:WhichKeyDesc_zc_CollapseRegion = "zc collapse region"
let g:WhichKeyDesc_ze_ScrollLastScreenColumn = "ze scroll to last screen column"
let g:WhichKeyDesc_zh_ScrollColumnRight = "zh scroll column right"
let g:WhichKeyDesc_zl_ScrollColumnLeft = "zl scroll column left"
let g:WhichKeyDesc_zo_ExpandRegion = "zo expand region"
let g:WhichKeyDesc_zs_ScrollFirstScreenColumn = "zs scroll to first screen column"
let g:WhichKeyDesc_zt_ScrollFirstScreenLine = "zt scroll to first screen line"
let g:WhichKeyDesc_zz_ScrollMiddleScreenLine = "zz scroll to middle screen line"
let g:WhichKeyDesc_z_ScrollColumnRight = "z<Right> scroll column right"
let g:WhichKeyDesc_z_ScrollColumnLeft = "z<Left> scroll column left"

"=====
" Documenting shortcuts for square bracket commands [ or ]
"----

```

```

let g:WhichKeyDesc_lsb_UnmatchedParenOpen = "[(" goto unmatched paren open"
let g:WhichKeyDesc_lsb_MethodPreviousEnd = "[M goto end of previous method"
let g:WhichKeyDesc_lsb_SectionBackwardStart = "[[" go backward to start of section"
let g:WhichKeyDesc_lsb_SectionBackwardEnd = "[] go backward to end of section"
let g:WhichKeyDesc_lsb_SectionBackwardEnd = "[] go backward to end of section"
let g:WhichKeyDesc_lsb_MethodPreviousStart = "[m go to start of previous method"
let g:WhichKeyDesc_lsb_UnmatchedBraceOpen = "[{ goto unmatched brace open"

let g:WhichKeyDesc_rsb_UnmatchedParenClose = "]) goto unmatched paren close"
let g:WhichKeyDesc_rsb_MethodNextEnd = "]M goto end of next method"
let g:WhichKeyDesc_rsb_SectionForwardStart = "][ go forward to start of section"
let g:WhichKeyDesc_rsb_SectionForwardEnd = "]] go forward to end of section"
let g:WhichKeyDesc_rsb_MethodNextStart = "]m goto start of next method"
let g:WhichKeyDesc_rsb_UnmatchedBraceClose = "]} goto unmatched brace close"

=====
" Cheatsheets
"---

let g:WhichKeyDesc_help = ",h +help"
" NOTE: the argument of ':command' in IdeaVim neither uses variable substitution,
" nor it uses Shell and Environment expansion. Thus, we have to enter a
" long external command + its arguments and absolute path.
" TIP: In Windows, replace 'cat' command with: 'cmd.exe /d /c type'

:command !HelpAll !cat /home/thlai/doc/vim/all.txt
let g:WhichKeyDesc_help_All = ",ha all"
nmap ,ha :HelpAll

" Edit
let g:WhichKeyDesc_help_Edit = ",he +edit"

:command !HelpEditGeneral !cat /home/thlai/doc/vim/edit.txt
let g:WhichKeyDesc_help>EditGeneral = ",hee edit"
nmap ,hee :HelpEditGeneral

:command !HelpEditCutPaste !cat /home/thlai/doc/vim/edit-cut-paste.txt
let g:WhichKeyDesc_help>EditCutPaste = ",hec cut-paste"
nmap ,hec :HelpEditCutPaste

:command !HelpEditMultipleFiles !cat /home/thlai/doc/vim/edit-multiple-files.txt
let g:WhichKeyDesc_help>EditCutPaste = ",hef multiple-files"
nmap ,hef :HelpEditMultipleFiles

" Quit
:command !HelpQuit !cat /home/thlai/doc/vim/exit.txt
let g:WhichKeyDesc_help>Quit = ",hq quit"
nmap ,hq :HelpQuit

" General
:command !HelpGeneral !cat /home/thlai/doc/vim/general.txt
let g:WhichKeyDesc_help>General = ",hg general"

```

```

nmap ,hg :HelpGeneral

" Insert
:command !HelpInsert !cat /home/thlai/doc/vim/insert-mode.txt
let g:WhichKeyDesc_help_Insert = ",hi insert mode"
nmap ,hi :HelpInsert

" Macro
:command !HelpMacro !cat /home/thlai/doc/vim/macro.txt
let g:WhichKeyDesc_help_Macro = ",hc macro"
nmap ,hc :HelpMacro

" Marks
:command !HelpMarks !cat /home/thlai/doc/vim/marks.txt
let g:WhichKeyDesc_help_Marks = ",hm marks"
nmap ,hm :HelpMarks

" Navigation
let g:WhichKeyDesc_help_Navigation = ",hn +navigation"

:command !HelpNavigationBasic !cat /home/thlai/doc/vim/motion-basic.txt
let g:WhichKeyDesc_help_NavigationBasic = ",hne navigation-essential"
nmap ,hne :HelpNavigationBasic

:command !HelpNavigationBlock !cat /home/thlai/doc/vim/motion-block.txt
let g:WhichKeyDesc_help_NavigationBlock = ",hnb navigation-block"
nmap ,hnb :HelpNavigationBlock

:command !HelpNavigationCharSearch !cat /home/thlai/doc/vim/motion-char-search.txt
let g:WhichKeyDesc_help_NavigationCharSearch = ",hn/ char-search"
nmap ,hn/ :HelpNavigationCharSearch

:command !HelpNavigationCodeBlock !cat /home/thlai/doc/vim/motion-code-block.txt
let g:WhichKeyDesc_help_NavigationCodeBlock = ",hnc code-block"
nmap ,hnc :HelpNavigationCodeBlock

:command !HelpNavigationCursor !cat /home/thlai/doc/vim/motion-cursor.txt
let g:WhichKeyDesc_help_NavigationCursor = ",hnh cursor"
nmap ,hnh :HelpNavigationCursor

:command !HelpNavigationLine !cat /home/thlai/doc/vim/motion-line.txt
let g:WhichKeyDesc_help_NavigationLine = ",hnl line"
nmap ,hnl :HelpNavigationLine

:command !HelpNavigationMarker !cat /home/thlai/doc/vim/motion-marker.txt
let g:WhichKeyDesc_help_NavigationMarker = ",hnm marker"
nmap ,hnm :HelpNavigationMarker

:command !HelpNavigationOther !cat /home/thlai/doc/vim/motion-other.txt
let g:WhichKeyDesc_help_NavigationOther = ",hno other"
nmap ,hno :HelpNavigationOther

```

```

:command !HelpNavigationWord !cat /home/thlai/doc/vim/motion-word.txt
let g:WhichKeyDesc_help_NavigationWord = ",hnw word"
nmap ,hnw :HelpNavigationWord

" Operators
:command !HelpOperators !cat /home/thlai/doc/vim/operators.txt
let g:WhichKeyDesc_help_Operators = ",ho operators"
nmap ,ho :HelpOperators

" Paging
:command !HelpPaging !cat /home/thlai/doc/vim/page-scrolls.txt
let g:WhichKeyDesc_help_Paging = ",hp paging"
nmap ,hp :HelpPaging

" Search Multiple files
:command !HelpSearchMultiFiles !cat /home/thlai/doc/vim/search-multiple-files.txt
let g:WhichKeyDesc_help_SearchMultiFiles = ",hs search-multiple-files"
nmap ,hs :HelpSearchMultiFiles

" Search Replace
:command !HelpSearchReplace !cat /home/thlai/doc/vim/search-replace.txt
let g:WhichKeyDesc_help_SearchReplace = ",hr search-replace"
nmap ,hr :HelpSearchReplace

" Tabs
:command !HelpTabs !cat /home/thlai/doc/vim/tabs.txt
let g:WhichKeyDesc_help_Tabs = ",ht tabs"
nmap ,ht :HelpTabs

" Text objects
:command !HelpTextObjects !cat /home/thlai/doc/vim/text-objects.txt
let g:WhichKeyDesc_help_TextObjects = ",hx text-objects"
nmap ,hx :HelpTextObjects

" Visual mode
:command !HelpVisualMode !cat /home/thlai/doc/vim/visual-mode.txt
let g:WhichKeyDesc_help_VisualMode = ",hv visual-mode"
nmap ,hv :HelpVisualMode

" Windows
:command !HelpWindows !cat /home/thlai/doc/vim/windows.txt
let g:WhichKeyDesc_help_windows = ",hw Windows"
nmap ,hw :HelpWindows

:command -nargs=1 H !grep -i -F <args> /home/thlai/doc/vim/all.txt
:command -nargs=1 G !grep -i -F <args> /home/thlai/.intellimacs/docs/KEYBINDINGS.org
:command -nargs=1 S !grep -i -F \bSPC\s(<args>)
/home/thlai/.intellimacs/docs/KEYBINDINGS.org

```