

# Vim

Damir Kovacec

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## 1 Stuff

`:help keycodes`        shows key maps (key codes)  
`:messages`            shows info/error messages

`o` or `O`   insert a new blank line, then go to insert mode  
`O`       go to start of line  
`$`       go to end of line  
`e`       go to end of the word  
`w`       go to beginning of the next word  
`cw`      change whole word (delete word, then go to insert mode )  
`ce`      change until the end of word  
`c$`      change until end of line  
`A`       append at the end of line  
`dd`      delete a line  
`dw`      delete a word  
`d$`      delete to the end of line  
`de`      delete to the end of word

`c`       change a character under cursor  
`x`       delete a character under cursor  
`r`       replace a character  
`i`       insert text  
`gg`      move to beginning of file  
`G`       move to end of file

`H`       go to top of the window  
`M`       go to the middle of the window

```

L    go to the botton of the window

v    visual mode
<C-v>  visual line mode
<S-v>  visual block mode

vap select all paragraph
vi( select inside brackets
va( select including brackets

<f-krneki>  search for a word in file
</-krneki>  search for a word in file
n    next search result
N    previous search result
?    search backwards

u    undo
U    undo whole line
<C-r>  undo the undos
"    empty a register

<C-g>  show file status and line number in status line
:e myfile.txt  opens a file
:Ex /dir      browse a dir

```

## 2 Tabs

```

<C-t>      create new tab
<C-left>   go to left tab
<C-right>  go to right tab
<C-c>      close a tab

gt go to next tab
gT go to previous tab

<C-w>gf    open a filename under cursor in new tab

```

## 3 Windows

```

<C-w> s      split window
<C-w> v      vertical split window
<C-w> c      close window
<C-w> w      next window
<C-w> h,j,k,l  moving between windows
<C-w> o      maximize current window
<C-w> n      new window
<C-w> q      quit window

```

## 4 Buffers

```

:ls list all buffers
:bn go to next buffer
:bp go to previous buffer
:b krneki  use partial name and Tab to find name of the buffer
:b 4      go to buffer number 4

```

```
:bd close unused buffers
```

## 5 Sessions

```
<leader>so session open
<leader>ss session save
<leader>sd session delete
<leader>sc session close
<leader>sv view the Vim script generated for a session , go back with :bp
```

## 6 Undo and Redo

To undo recent changes, from normal mode use the undo command:

```
u      undo last change (can be repeated to undo preceding commands)
<Ctrl-r> Redo changes which were undone (undo the undos).
        Compare to . to repeat a previous change, at the current cursor position.
        Ctrl-r (hold down Ctrl and press r) will redo a previously undone change, wherever the change occurred
```

## 7 NerdTree

```
<C-n> NerdTree visible
```

## 8 VimWiki

```
<leader> ws open wiki index file in new tab
<leader> ww open default wiki index file
<leader> md preview current wiki file in browser
<leader> we open link in new window
<leader> wq open link in new vertical window
<leader> wt open link in new tab
<leader> wd delete wiki file
<leader> wr rename wiki file
```

### 8.1 Basic Markup

```
= Header1 =
== Header2 ==
=== Header3 ===
```

```
*bold* -- bold text
_italic_ -- italic text
```

```
*bold text*
_italic text_
~~strikeout text~~
'code (no syntax) text'
super~script~
sub,,script,,
```

```
[[wiki link]] -- wiki link
[[wiki link|description]] -- wiki link with description
```

## 8.2 Lists:

```
* bullet list item 1
  - bullet list item 2
  - bullet list item 3
    * bullet list item 4
    * bullet list item 5
* bullet list item 6
* bullet list item 7
  - bullet list item 8
  - bullet list item 9

1. numbered list item 1
2. numbered list item 2
  a) numbered list item 3
  b) numbered list item 4
```

Combine list of items with bulleted, numbered and mixed lists:

```
* Bulleted list item 1
* Bulleted list item 2
  * Bulleted list sub item 1
  * Bulleted list sub item 2

# Numbered list item 1
# Numbered list item 2
  # Numbered list sub item 1
  # Numbered list sub item 2
```

or definition list:

```
Term 1:: Definition 1
Term 2::
:: Definition 2
:: Definition 3
```

For other syntax elements, see :h vimwiki-syntax

## 8.3 Key bindings

Normal mode:

- <Leader>ww – Open default wiki index file.
- <Leader>wt – Open default wiki index file in a new tab.
- <Leader>ws – Select and open wiki index file.
- <Leader>wd – Delete wiki file you are in.
- <Leader>wr – Rename wiki file you are in.
- <Enter> – Follow/Create wiki link
- <Shift-Enter> – Split and follow/create wiki link
- <Ctrl-Enter> – Vertical split and follow/create wiki link
- <Backspace> – Go back to parent(previous) wiki link
- <Tab> – Find next wiki link
- <Shift-Tab> – Find previous wiki link

For more keys, see :h vimwiki-mappings

## 8.4 Commands

- :Vimwiki2HTML – Convert current wiki link to HTML
- :VimwikiAll2HTML – Convert all your wiki links to HTML
- :help vimwiki-commands – list all commands

- `:help vimwiki` – General vimwiki help docs

## 8.5 more

Collect table data with `:VimwikiTable` command:

Year	Temperature (low)	Temperature (high)	
-----	-----	-----	
1900	-10	25	
1910	-15	30	
1920	-10	32	
1930	_N/A_	_N/A_	
1940	-2	40	

Store code snippets with preformatted blocks:

```
{{python
def hello(world):
    for x in range(10):
        print("Hello {0} number {1}".format(world, x))

}}
```

Text started with 4 or more spaces is a blockquote.

4 or more dashes at the start of the line is a 'horizontal line' (`<hr />`): ----

Mathematical formula are highlighted, and can be rendered in HTML using the powerful open source display engine

You can have todo lists -- lists of items you can check/uncheck. Consider the following example:

```
= Toggleable list of todo items =
* [X] Toggle list item on/off.
  * [X] Simple toggling between [ ] and [X].
  * [X] All list's subitems should be toggled on/off appropriately.
  * [X] Toggle child subitems only if current line is list item
  * [X] Parent list item should be toggled depending on it's child items.
* [X] Make numbered list items toggleable too
* [X] Add highlighting to list item boxes
* [X] Add [ ] to the next created with o, O and <CR> list item.
```

Pressing `<C-Space>` on the first list item will toggle it and all of its child items. `<C-Space>` adjusts parents i  
See extensive help for markup syntax `:h vimwiki-syntax` .

No language indicated, so no syntax highlighting.

But let's throw in a `<b>tag</b>`.