Vim workshop

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LinuxUPC
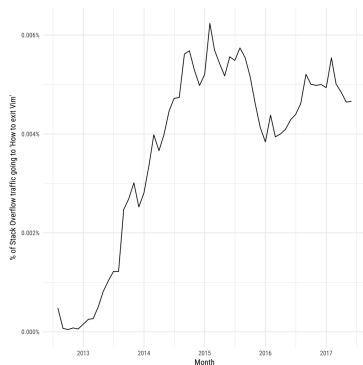
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Outline

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Exiting Vim

Source: https://stackoverflow.blog/2017/05/23/
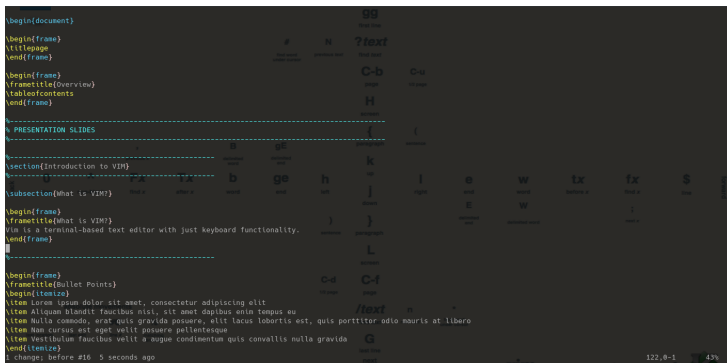stack-overflow-helping-one-million-developers-exit-vim/

Who uses Vim?

- Most popular editor in 2006 in Linux Journal readers.
- Third most popular editor in 2016 in Stack Overflow
- Fifth most popular editor nowadays in Stack Overflow.
- 40% of sysadmins stackoverflow users use Vim.

Vim is not just for nosaltgic nerds!

Outline

What is VIM?

Vim is a terminal-based text editor oriented to programmers with highly eficiency writting.

Vim features

- Keyboard focused.
- Text autocompletition
- Terminal multiplexed
- More than 200 default key commands.
- Highly configurable
- Programmer focused
- Modes for implementing diferent functions

Modes

Vim has 3 main modes with its variations:

Insert mode

Mainly we will enter this mode with the key i from normal mode. In this mode any character key we pressed will be inserted on the place of the cursor.

Normal mode

This is the default mode of vim. When you start up vim you are in this mode. In this mode you can type several commands to change to other modes,move efitiently the cursor, paste, etc..

Visual mode

In this mode, wich have several variations you can select text to cut, copy, replace. Its variations consists in the way you select code, for ex: Visual line will be selecting line by line while visual will be selecting character by character.
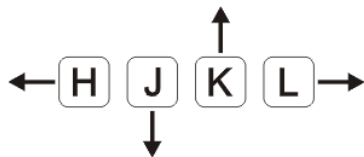
Outline

Moving in vim (intro)

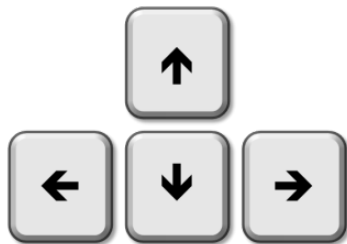Moving the cursor arround the screen in Normal mode can be performed in many ways.

Basic moving

Vim moving

VS

Clasic moving

Moving keystrokes

The most important commands for moving are:

Command	Explanation
h j k l	moving arround as arrow keys
w b	next and last word
( )	moving arround paragraphs
0 $	first and last character of line
%	move to matching caracter (ex: [] () {})
gg G	move to the top and bottom of the file

For more commands, take a look at the cheat-sheet!

Outline

Entering insert mode

There are different ways to enter insert mode which will position the cursor diferently:

Command	Explanation
i	insert before the cursor
I	insert at the begining of the line
a	insert after the cursor
A	insert at the end of the line
o	insert at the line bellow (ex: [] () {})
O	insert at the line above
ea	insert at the end of the current word
Esc	exit insert mode