

V1.337

# LOVIM . IT!

## VIM | RAM MATITYAHU



VIM IS A EDITOR THAT CAN BE

EXTENDED TO WORK AS A IDE

# HISTORY

- ❖  VI - Really Retro (1976)
- ❖  Vim - VI Explosion (1991)
- ❖  NeoVim - Vim For Hipsters (2014)



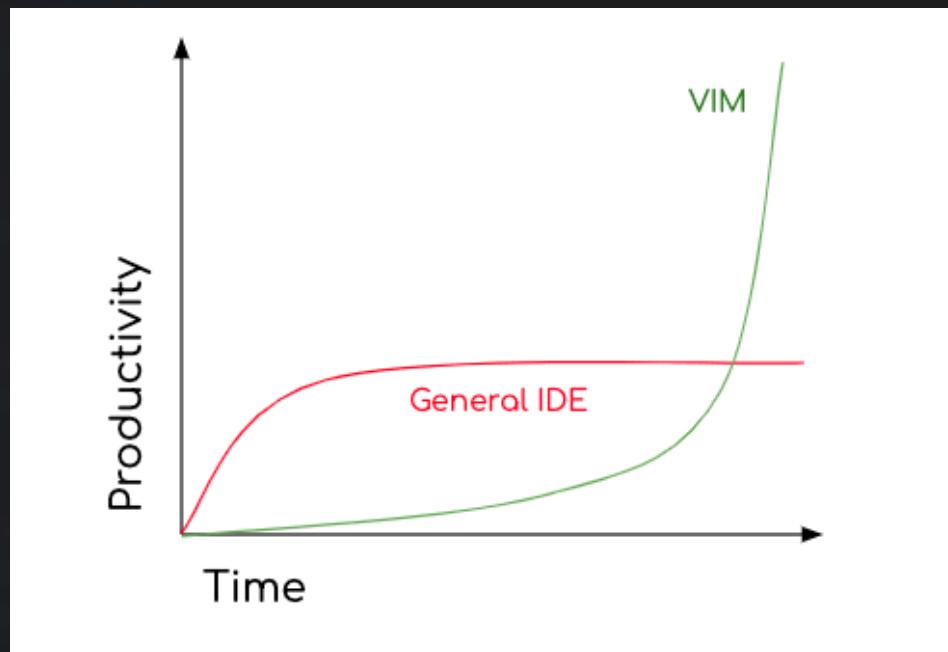
# OUT OF THE BOX

## HOW MOST OF US KNOW VIM

- ❖ 💀 Pretty bare boned, No UI elements
- ❖ ... No Auto complete
- ❖ 🔨 No Git information

```
vim -u NONE
```

# LEARNING CURVE





# ADVENTAGES

- ❖ Everything is very quick
- ❖ Works the same on any OS
- ❖ Can be accessed remotely with ease
- ❖ Actions are repeatable
- ❖ Make work more efficient
- ❖ Vim mode exists in most modern IDEs

# HOW TO LEARN VIM

- ❖ Tutorial: Vimtutor
- ❖ Game: <https://Vim-adventures.com/>
- ❖ Youtube: Learning Vim in a Week
- ❖ Google: Vim for [MY LANGUAGE]
- ❖ Search for Cheat sheets or Vim wallpapers



# KNOW BEFORE BEGINNING

- ❖ 🍺 It's free (as a beer)
- ❖ 🤖 It's different
- ❖ 💻 It's a keyboard thing



- ❖ Sessions & attach
- ❖ Tabs
- ❖ Split Windows

# INSTALLTION

- ❖  Mac: brew install macVim --override-system-Vim
- ❖  Linux: apt install gVim
- ❖  Windows: gVim.exe
- ❖  Android: Use Termux Linux terminal

On mac use iTerm2!

 And setup the colors: [https://jdiao.github.io/2018/10/19/tmux\\_NVim\\_true\\_color/](https://jdiao.github.io/2018/10/19/tmux_NVim_true_color/)

# MY UI TOUR

- ❖ Tmux on top
- ❖ Buffers line
- ❖ Code Area, Signs, Numbers, Files, Tags
- ❖ Vim Bottom

# BASIC WORK

- ❖ **:** - Command mode
- ❖ **q** - Quit
- ❖ **w** - Write (Save/Save as)
- ❖ **i a** - Insert mode
- ❖ **ESC** - Normal mode

```
Add to ~/.vimrc for issues with arrow keys in insert mode:  
set nocompatible
```

# NORMAL MODE

## MOVING AROUND

- ❖ **gg G** - Start/End of Document
- ❖ **k j , - +** - Up/Down
- ❖ **h l** - Left/Right
- ❖ **0 ^ / \_ \$** - Start/End of Line
- ❖ **] m [ m** - Next/Previous method
- ❖ **%** - Go to the opening/closing bracket

# NORMAL MODE

## MOVING AROUND

- ❖ **w W** - word, WORD
- ❖ **b B** - back, BACK
- ❖ **e E** - End, END
- ❖ **# \*** - Same Word
- ❖ **{ }** - Paragraphs

# NORMAL MODE

## MOVING AROUND

MOTIONS

- ❖ **f** , **,** ; - Find
- ❖ **t** - Till
- ❖ / , **n** **N** - Search
- ❖ **s** , **,** ; - Vim sneak, 2 Characters

# NORMAL MODE

## Operators

<b>c</b>	Change	
<b>d</b>	Delete, dd - full row	
<b>y</b>	Yank (copy), yy - full row	
<b>gU</b>	<b>gu</b>	Go Uppercase/Lowercase
<	>	Ident left/right

## Text Objects

<b>a</b>	<b>i</b>	a, in a
<b>w</b>	<b>W</b>	word/WORD
<b>p</b>	Paragraph	
{	Bracket	
'	"	Parenthesis

<https://github.com/ramat84>

Open vim => examples.js

More objects: <https://github.com/kana/Vim-textobj-user/wiki>

# MACROS

- ❖ **q** qX - Record a macro
- ❖ **@** @X - Repeat a macro
- ❖ **.** - Macro repeater plugin

<https://github.com/ramat84>

Open `vim` => `macros.js`

# VIM PLUGINS

- ❖ Modular and installed by demand
- ❖ Extend functionality
- ❖ Efficiency can be monitored
- ❖ "Marketplace"
- ❖ My plugins really quick

<https://github.com/junegunn/vim-plug>

# VIM PLUGINS

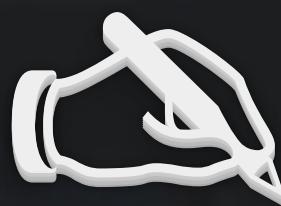
- ❖ NerdTree
- ❖ FZF
- ❖ CoC

# GIT

- ❖ Mark Changes
- ❖ Blame
- ❖ LazyGit
- ❖ DiffConflicts

# VIMIUM C

- ❖ Extension to use Vim key in your browser



# NOTES

## ALL SOURCES ARE AVAILABLE HERE

- ❖ [github.com/ramat84/Vim \(Vim.md\)](https://github.com/ramat84/Vim)
- ❖ [github.com/ramat84/config](https://github.com/ramat84/config)

# THANKS

