

# LEARNING VIM: BEGINNER ADVICE AND LESSONS LEARNED

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@VAXXA



**VI**

**(BILL JOY, 1976)**

# VIM

(BRAM MOOLENAAR 1991)

# NEOVIM

(THIAGO DE ARRUDA, 2014)

# WHY VIM?

HIGHLY CUSTOMIZABLE

RUNS EVERYWHERE

TRY SOMETHING NEW

INVESTING IN YOURSELF

FEEL QUITE AT HOME

HAVE FUN

# VIM MODES

# VIM MODES

**NORMAL MODE**

**INSERT MODE**

**VISUAL MODE**

# YUMMY FEATURES

OPERATOR + TEXT OBJECT

THE DOT COMMAND



# OPERATORS

- **d** – delete (also cut)
- **c** – change (delete, then place in insert mode)
- **y** – yank (copy)
- **v** – visually select
  
- **gu** – make lowercase
- **gU** – make uppercase
- **g~** – swap case

# TEXT OBJECTS

**TEXT OBJECT = PREFIX + OBJECT**

# TEXT OBJECTS

## TEXT OBJECT PREFIX

- **a** – select "a"n object
- **i** – select an "inner" object

# TEXT OBJECTS

## OBJECT

- **w** – word
- **W** – WORD
- **s** – sentence
- **p** – paragraph
- **] [** – **[]** block
- **) (** **b** – **()** block
- **> <** – **<>** block
- **} {** **B** – **{}** block
- **t** – tag block
- **' " `** – quoted string

# MAGIC COMMANDS

NUMBER + OPERATOR + TEXT OBJECT/MOTION



# MAGIC COMMANDS

CIW

DA}

VIT

CI)

YI'

CAT

DAP

# **THE DOT COMMAND**

## **REPEAT SINGLE MOTION (LAST CHANGE)**

# THE DOT COMMAND

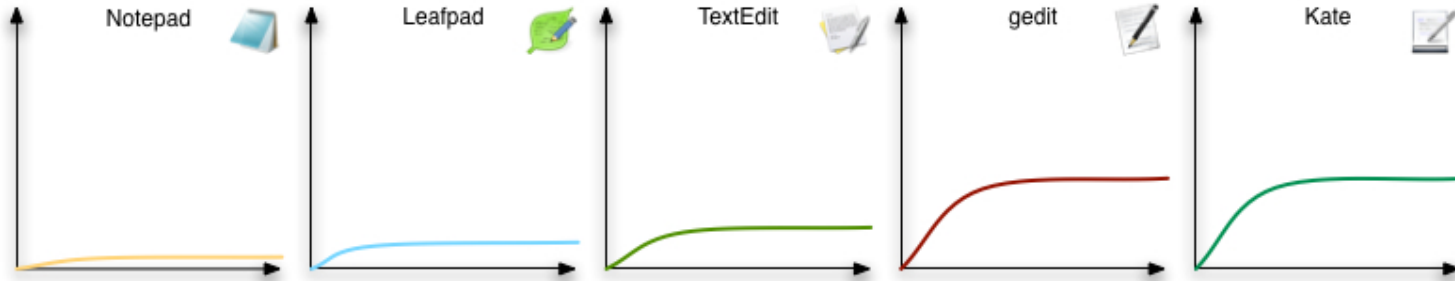
NOW YOU CAN REPEAT EVERYTHING LIKE A BOSS



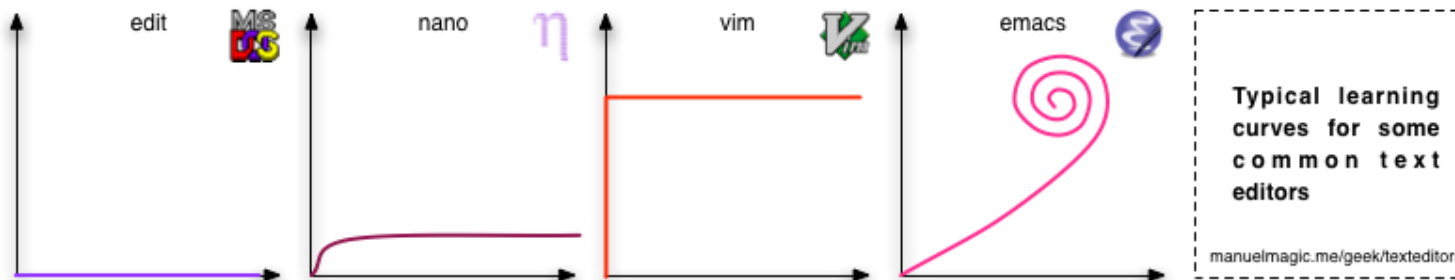


# LEARNING CURVES

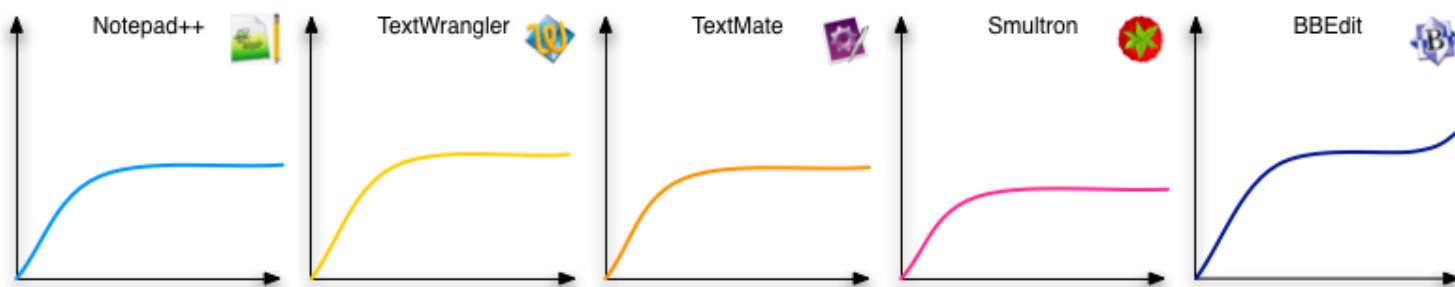
## System default editors



## Terminal editors (nerdy stuff)



## Freeware editors (geeky stuff)



## Shareware editors

**BEFORE YOU START, YOU  
SHOULD KNOW**

# BEFORE YOU START, YOU SHOULD KNOW

DIFFERENT FROM EVERYTHING YOU'VE USED BEFORE

DON'T START AT WORK

DON'T USE ARROW KEYS

BREAK UP WITH YOUR MOUSE

USE ALWAYS A BETTER WAY

DON'T COPY SOMEONE ELSE'S CONFIGURATION

DON'T USE 100500 PLUGINS

FIND YOUR VIM MENTOR/GURU/JEDI

# VIMTUTOR

```
$ VIMTUTOR  
:TUTOR
```

# MUST HAVE PLUGINS

## FZF.VIM

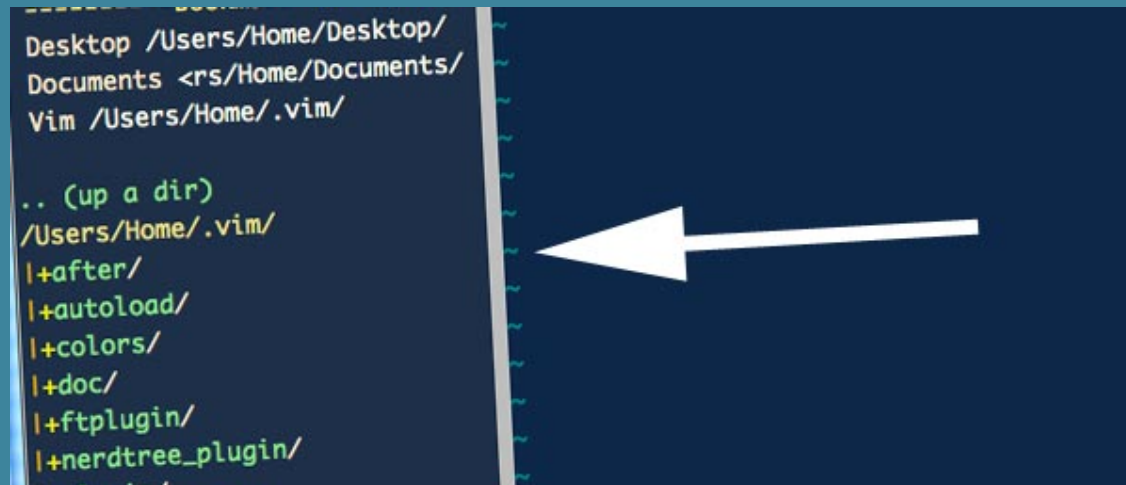
```
  djstripe/context_processors.py
  djstripe/admin.py
  djstripe/__init__.py
  CONTRIBUTING.rst
> AUTHORS.rst
  113/113
/U/a/P/dj-stripe/
0 0 bash 13:50
```

# MUST HAVE PLUGINS

## NERDTREE

```
Desktop /Users/Home/Desktop/
Documents <rs/Home/Documents/
Vim /Users/Home/.vim/

.. (up a dir)
/Users/Home/.vim/
|+after/
|+autoload/
|+colors/
|+doc/
|+ftplugin/
|+nerdtree_plugin/
```



**LEARNING VIM IS  
A PROCESS, NOT AN  
ACTION**

# LINKS

## CHEATSHEETS:

- Vi / Vim Graphical Cheat Sheet (<http://goo.gl/6XhdEy>)
- Vim Cheat Sheet for Programmers (<http://goo.gl/KDSniy>)
- Beautiful VIM Cheat Sheet (<http://goo.gl/oekJAK>)

## OTHER:

- Free screencasts about the Vim (<http://vimcasts.org/>)
- Awesome Vim plugins (<http://vimawesome.com/>)
- VIM Adventures (<http://vim-adventures.com/>)



# THE END

## THANK YOU FOR ATTENTION!

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## THIS PRESENTATION:

Source: <https://github.com/vaxXxa/talks>

Live: <http://vaxXxa.github.io/talks>