How to be a HomeStar Runner with Vim

A talk

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Goal of Talk is to:

- Con**vi**nce you that typing is faster than mouse clicking

Why?

- Be a faster typist

- Ultimately be faster than your coworkers

- Wow your boss to make more money

One Solution

A keyboard-centric text editor (Vim) Together with a robust terminal (iTerm 2) and a terminal multiplexer (tmux)

What Can Vim Do For You?

- comprehensive navigation

- navigate by word

- effortless cleaning of computer case

- fast file switching

- language contextual features (formatting, text highlighting)
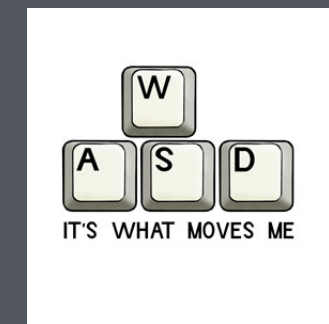
- remove spills off desk

How to use Vim

Become acquainted with the home row

Ditch the keys and the

 pad

Learn

Navigation (Normal Mode)

word

word is a sequence of letters, digits, underscores, and other non-whitespace characters

WORD

WORD is a sequence of non-whitespace characters

More Navigation (Normal Mode)

Redaction (Insert Mode)

- x (delete character under cursor)

- X (delete previous character)

- c (change character under cursor)

- C (change all characters to the right of cursor until new line)

- i (enter insert mode)

- I (enter insert mode from beginning of line)

- A (enter insert mode from last character)
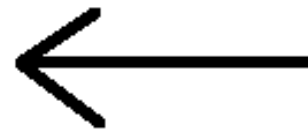
Text Selection (Visual Mode)

- v (visual mode)

- V (visual-line mode)

- ^v (visual-block mode)

Extensible File Editor

Configuration

- Check out these dotFiles for sane configurations for your terminal, shell, Vim, and more

- Check out Kevin Jalbert's gists

Shell

Use zsh, it is like Bash, but more programmable!
- Supports both Vim and emacs keybindings (faster navigation!)
- ^r to search command history
- Fuzzy pattern matching for commands
- Robust prompt, e.g., display Git repository status
- Many more

tmux

The Terminal Multiplexer

- Supports multiple panes and tabs

- Copy text across shells and text editors

Read this book tmux: Productive Mouse-Free Development

But Wait, There is More!

For OS X

LaunchBar (paid, but oh so worth it) from Objective Development

- Do almost anything from the keyboard

- Supports Vim-bindings!

Vimium for both Chrome and Firefox

- Do almost anything from the keyboard

- Support for Vim-bindings

Visual Studio (on Windows)

ReSharper from JetBrains (paid and open-source license available)

- Supports keyboard shortcuts

- Provides superior code navigation

- Provides superior code refactoring

Be More Productive with a Mechanical Keyboard

- With mechanical switches

- I recommend the Das Keyboard with blue switches

- If it is too expensive then ask your employer to pay

You can find these slides at http://www.danofer.com/presentations/keyboard