

How to be a magician with the keyboard

A talk

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TextMate is good, however

What you really want is:

- comprehensive navigation
- navigate by word; find matching parantheses
- fast file switching
- language contextual features (formatting, text highlighting)

These things are all available in other text editors, however...

With a terminal-based editor, one can issue commands **significantly** faster!

One solution

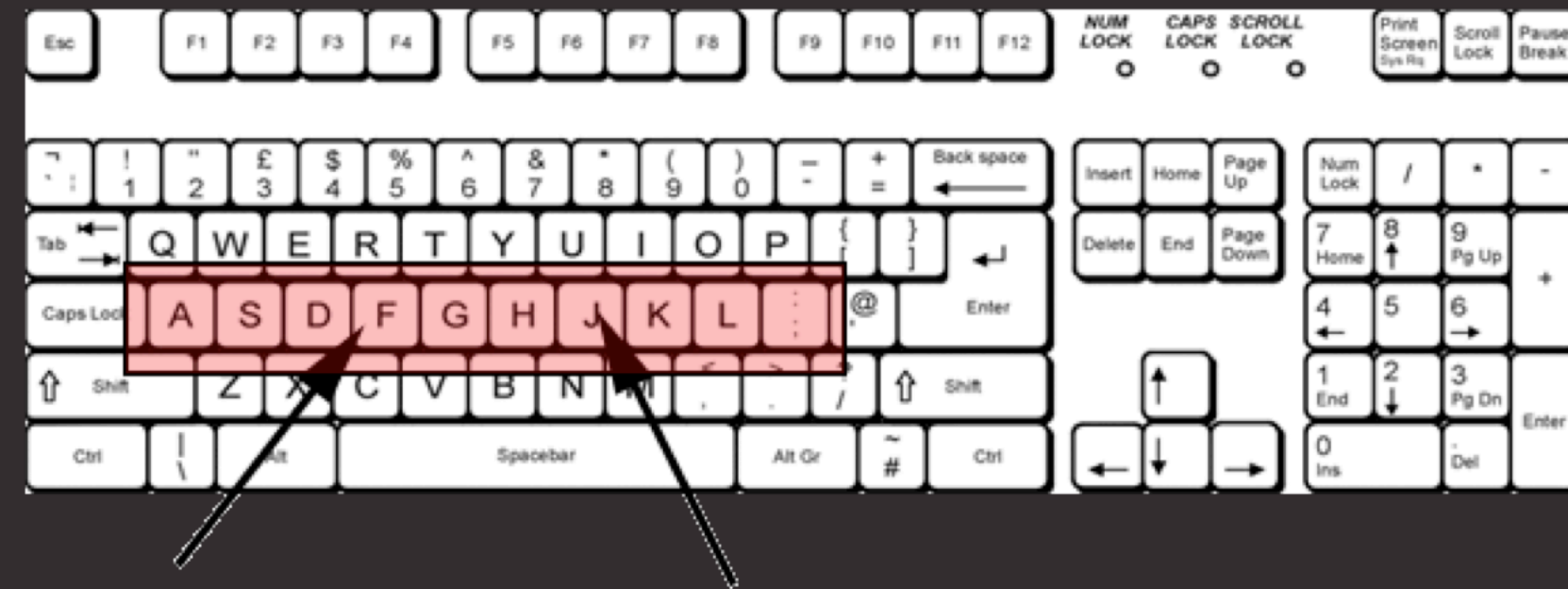
a keyboard-centric text editor (Vi) Together with a robust terminal (iTerm 2) and a terminal multiplexer (tmux)

Goal of talk is to:

- Get you started to become more efficient with the keyboard
- Be a faster typist
- Ultimately be faster than your coworkers
- Wow your boss to make more money

How to use Vi

Become acquainted with the home row



Ditch the



keys and the



pad

Learn



Navigation

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

- w (next **w**ord)
- b (**b**ack to previous word)
- e (**e**nd of word)

WORDS

WORD is a sequence of non-whitespace characters

- W (next **w**ord)
- B (**b**ack to previous word)
- E (**e**nd of word)

More Navigation

- `g_` (last character)
- `0` (first character)
- `^` (beginning of line)
- `$` (end of line - newline character)

Redaction

- 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)

On OS X

Remap CTRL (key) ^ to CAPSLOCK because it is heavily used
(And who uses CAPSLOCK anyway?)

Cool Things

Select text with `v` and then `c` to change all selected text

Select entire line with `V` and then `c` to change entire line OR

Select line with `v` and then `C` to change entire line

dotFiles

dotFiles

Shell

Use zsh, it is like Bash, but more programmable!

- Supports both vim and emacs keybindings (faster navigation!)
- ^r to search command history

tmux

The Terminal Multiplexer

- Supports multiple panes and tabs
- Copy text across shells and text editors

Check out [tmux: Productive Mouse-Free Development](#)

But wait, there is more!

For OS X

LaunchBar (paid, but oh so worth it) from
ObjectiveDevelopment

- Do almost anything from the keyboard
- Supports vim-bindings!

Visual Studio (on Windows)

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

- Supports many keyboard shortcuts
- Superior code navigation
- Superior refactoring

Get a good keyboard

- Must-have mechanical switches
- I recommend the Das Keyboard