
DEVELOPER EFFECTIVENESS TECHNIQUES



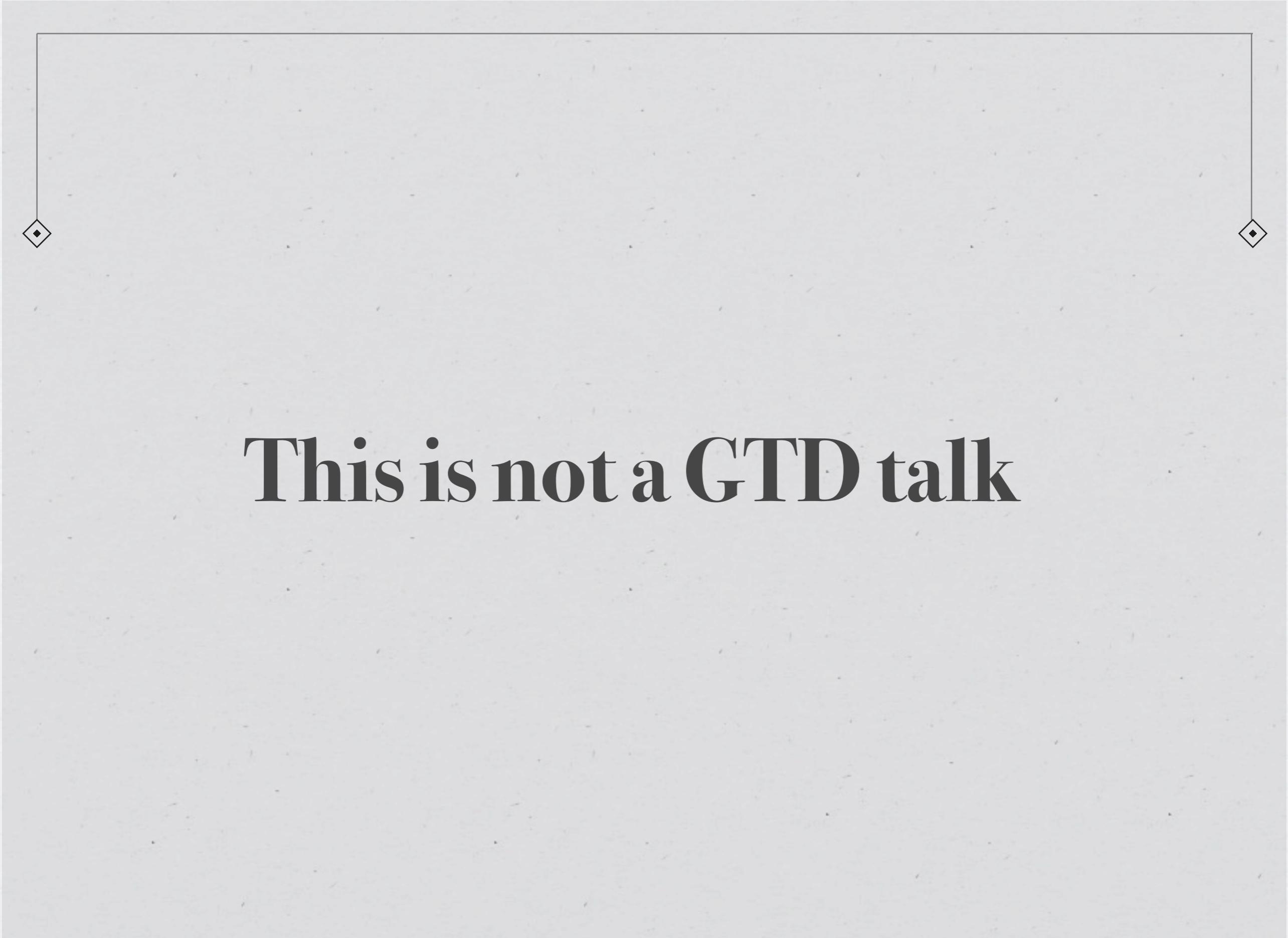
Tim Tyrrell



Oh hai!

- * Tim Tyrrell
- * Ruby and Javascript at HomeAway.com in Austin

*



This is not a GTD talk





supr genius kitteh

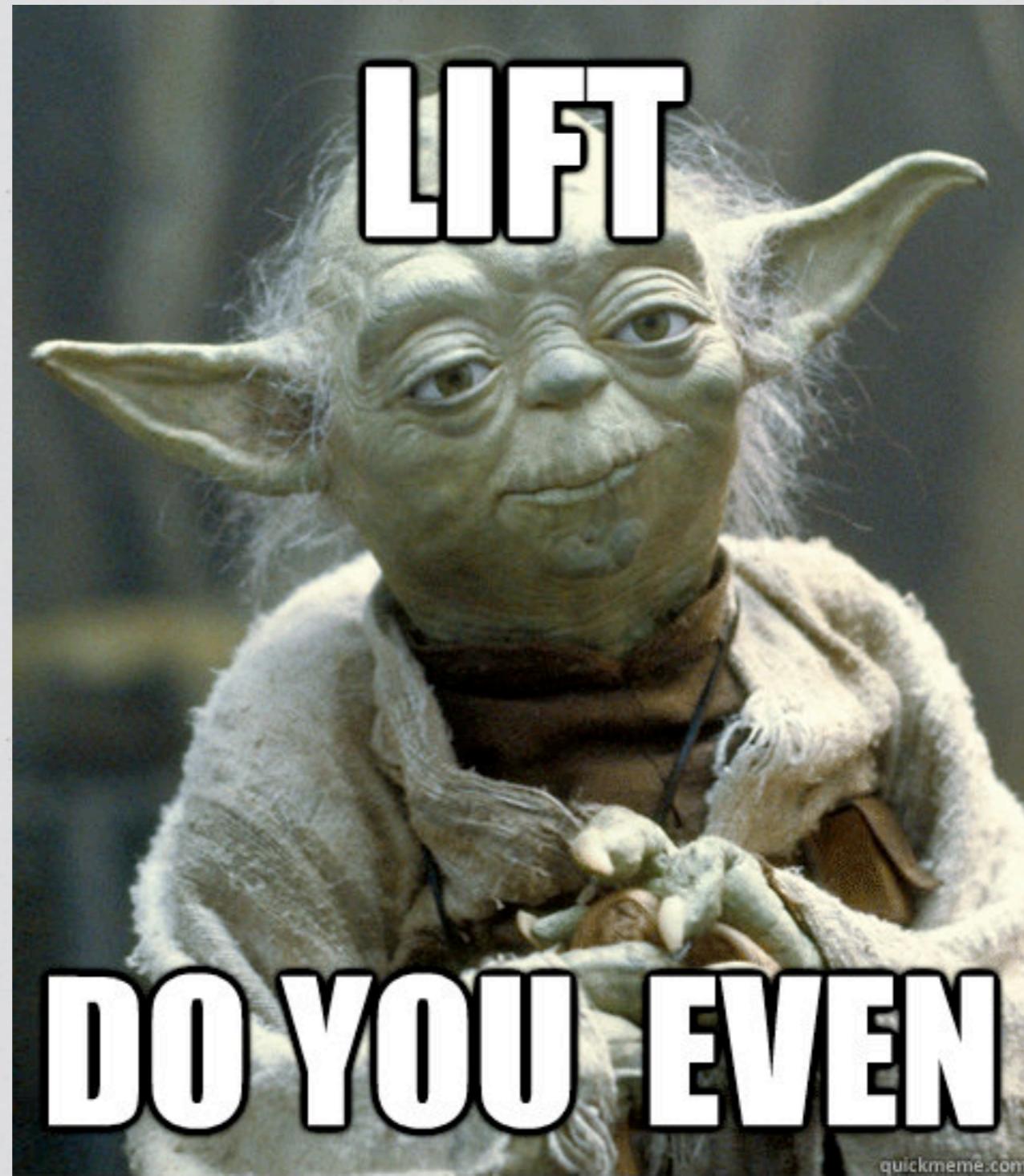
haz unuzuly lrg brane

ICANHASCHEEZBURGER.COM © 2009



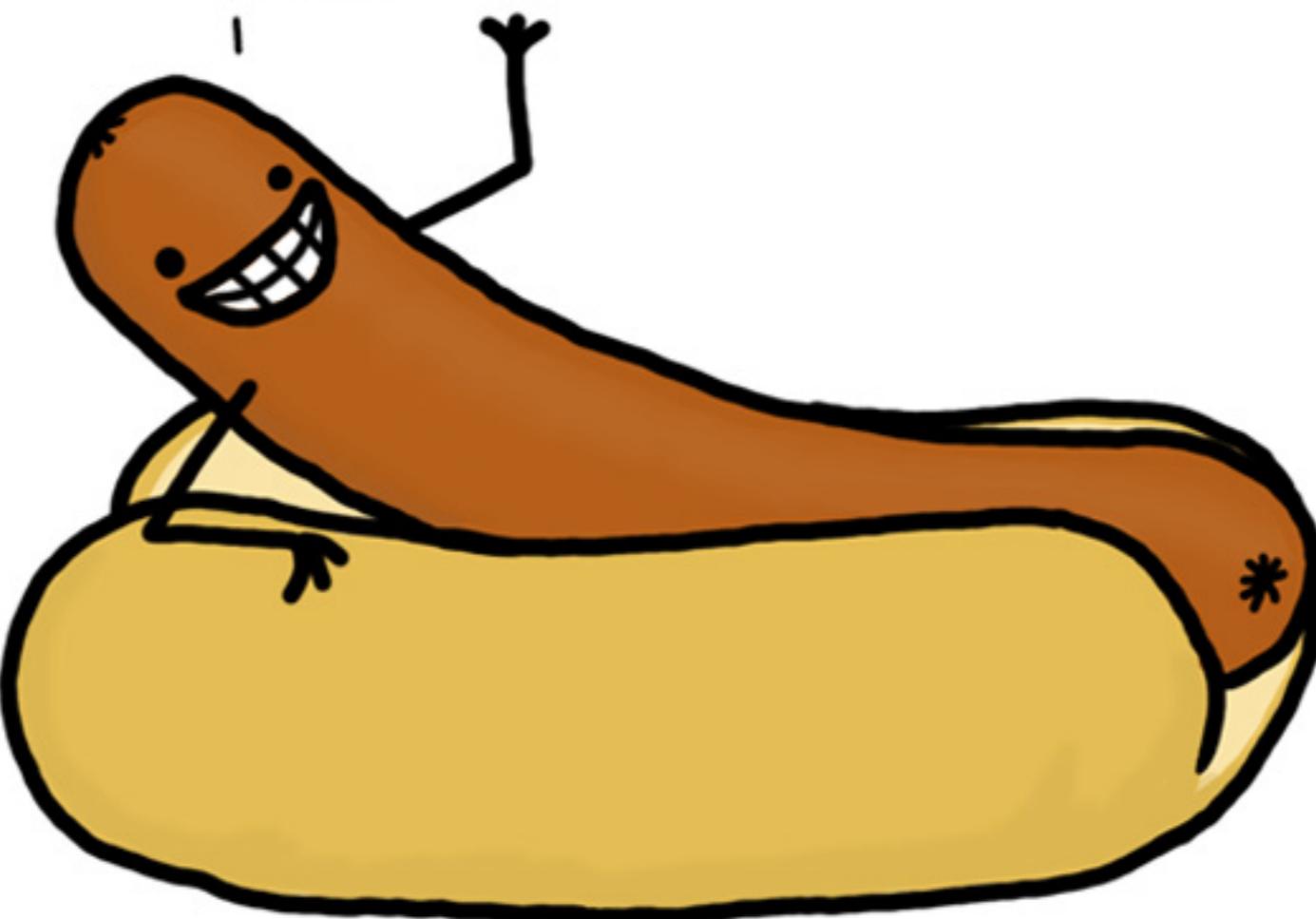
Disclaimer:

This stuff works for me

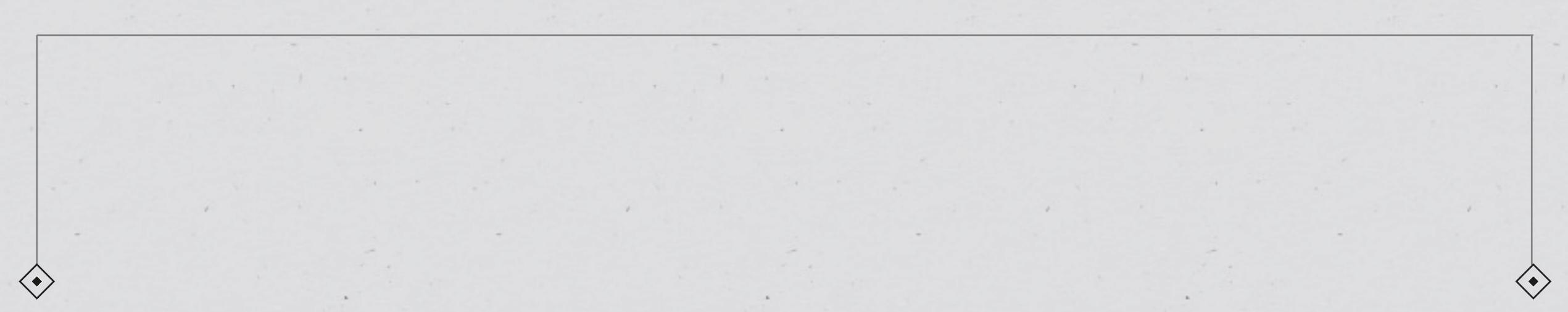


quickmeme.com

Hey,
Everybody!



I AM AWESOME



“Mouseless” + “Home Row”

=

My Intended/Ideal Workflow

Hangin' wit my Homies



Hangin' wit my Homies





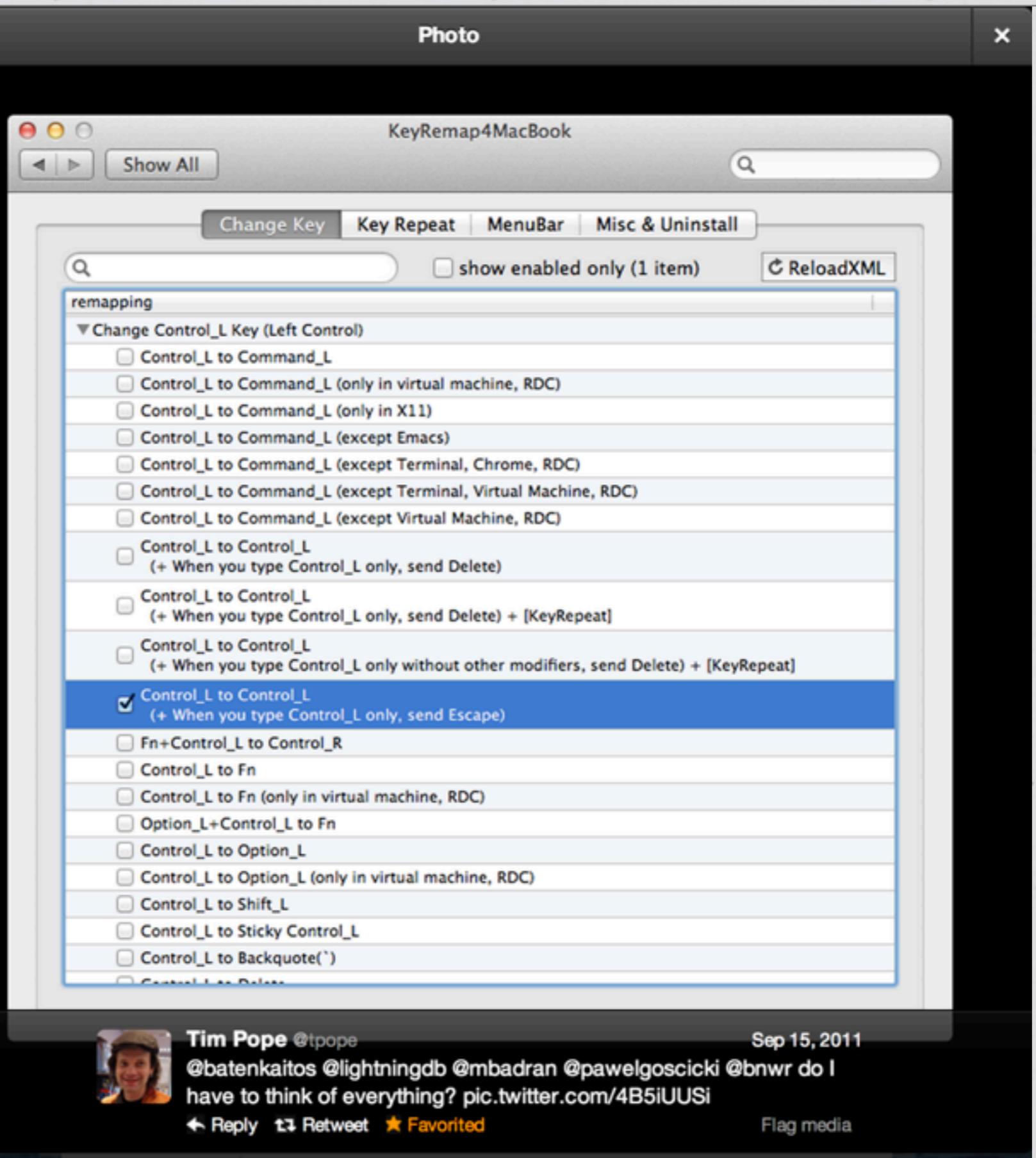
Why did I choose Vim?

- * When getting into Rails, started with Linux (no TextMate and \$)
- * Sublime Text 2 didn't exist
- * Came from Visual Studio and Rational Soft. Arch. (Heavy IDE's)
- * gedit - Could not find shortcut to move to file explorer
- * emacs was not super Rails popular (that I was aware of)

Vim in 15 seconds

- * Two modes - “Normal” (movement) and “Edit”
- * Motions - For editing or entering “edit” mode
- * Movements - Getting somewhere quickly in “normal” mode
- * It is lightweight and fast
- * It is everywhere

Remap your escape key



```
ruby-1.9.3-p327:~  
o ls ~/.vim/bundle  
IndexedSearch  
NrrwRgn  
YankRing.vim  
ZoomWin  
ack.vim  
coffee-check.vim  
command-t  
gitv  
jslint.vim  
lastbuf.vim  
nerdcommenter  
nerdtree  
snipmate.vim  
supertab  
support_functions.vim  
syntastic  
tabular  
taglist.vim  
textobj-word-column.vim  
update-bundles.sh  
vim-coffee-script  
vim-cucumber  
vim-easymotion  
vim-endwise  
vim-fugitive
```

vim-indent-guides
vim-javascript
vim-19
vim-markdown
vim-matchit
vim-pasta
vim-powerline
vim-ragtag
vim-rails
vim-repeat
vim-rspec
vim-ruby
vim-ruby-refactoring
vim-rvm
vim-seek
vim-slim
vim-surround
vim-textobj-rubyblock
vim-textobj-user
vim-turbux
vim-unpaired
vimroom
vimux
vimwiki
zencoding-vim

Hands On

- * Motions
- * Macros
- * normal
- * bufdo, tabdo, windo

How do you function without an IDE?

- * Command-T (sorry dudes, I think ctrl-p is slow on big projects)
- * ctags
- * supertab
- * using non-verbose and non-ceremonial programming languages

Useful Vim Plugins

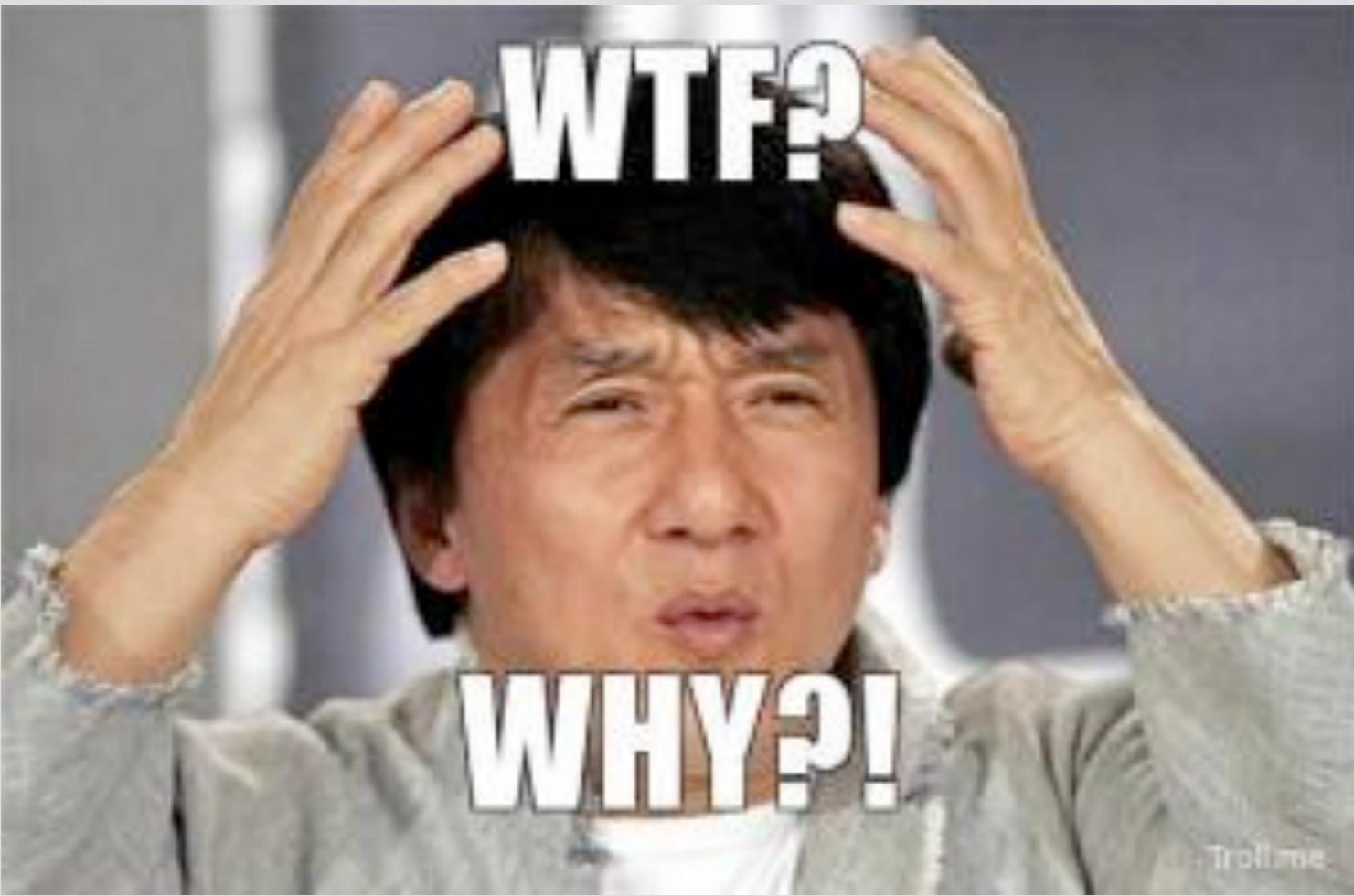
- * Pathogen (or vundle)
- * Vim-Fugitive (Git integration)
- * Vim-Rails
- *

Vim Wrap-Up

* If you see yourself hitting jjjjjjj, you are doing it wrong.

tmux

- * terminal multiplexor (wtf?)
- * access multiple separate terminal sessions inside a single terminal window or remote terminal session
- * Includes most features of GNU Screen



No, seriously, why?

- * You can keep your hands off the mouse
- * Helps you organize projects into distinct sessions
- * Powerful and easy keyboard shortcuts
- * Pair Programming (even next to each other)
- * Remote Sessions

tmux Demo

tmux window manipulation

* vim-turbux

* vimux

Tmuxinator

```
# ~/.tmuxinator/project_name.yml

project_name: Tmuxinator
project_root: ~/code/rails_project
socket_name: foo # Not needed. Remove to use default socket
rvm: 1.9.2@rails_project
pre: sudo /etc/rc.d/mysql start
tabs:
  - editor:
      layout: main-vertical
      panes:
        - vim
        - #empty, will just run plain bash
        - top
  - shell: git pull
  - database: rails db
  - server: rails s
  - logs: tail -f logs/development.log
  - console: rails c
  - capistrano:
  - server: ssh me@myhost
```

tmux Wrap-Up

- * If you dig keeping all your workspaces organized
- * If you like to work hands-free
- * If you like to have precise control over your splits
- * If you could benefit from “lightweight” pairing
- * If you like to feel like an uber dork

ZSH (Z Shell)

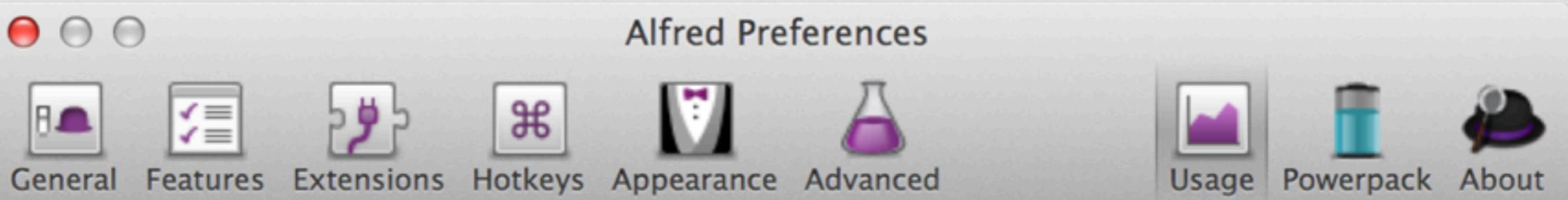
- * Super Configurable
- * Oh My ZSH! community aliases and other goodies
- * Folder autocomplete
- * Vi key bindings

Alfred

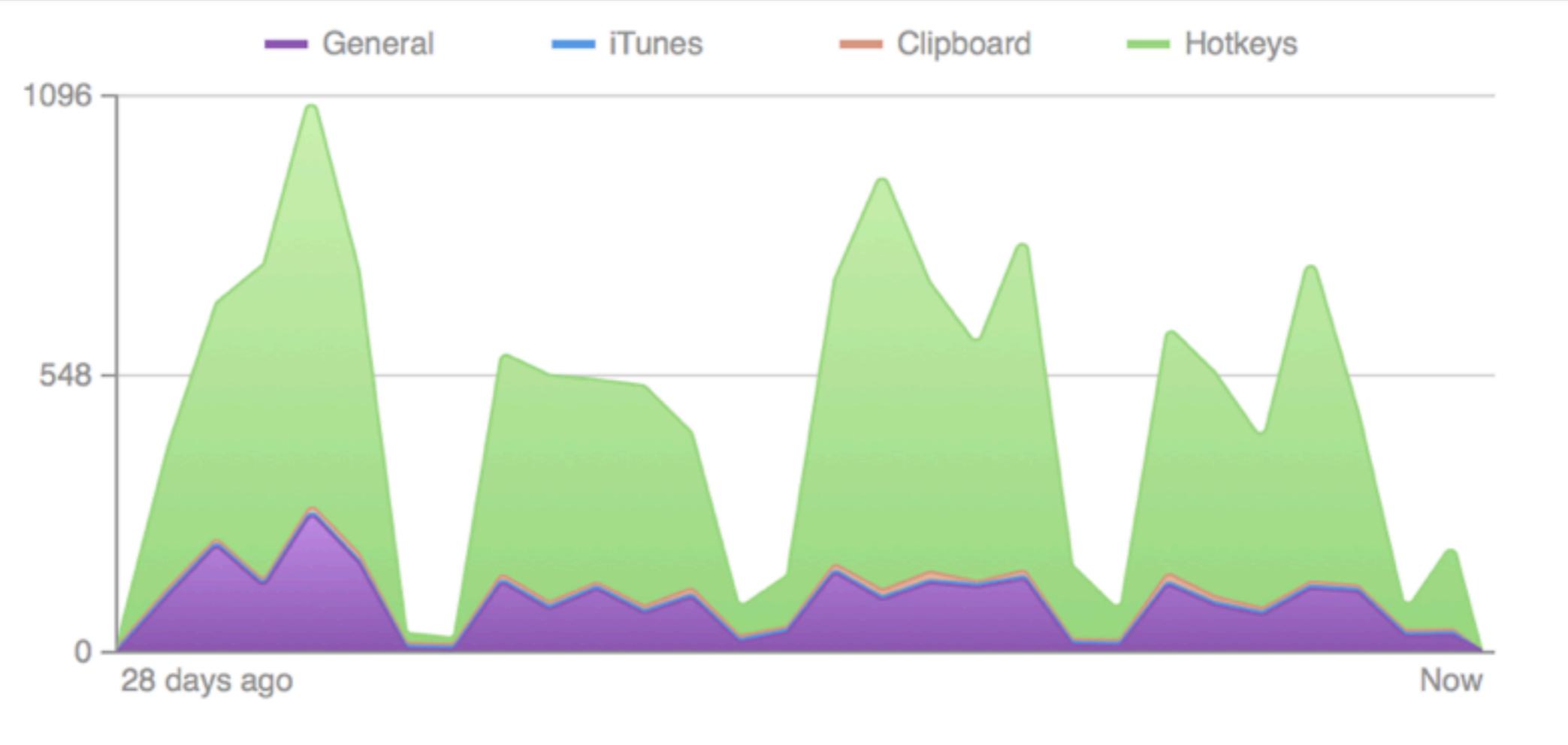


Alfred

- * Hotkeys
- * Clipboard History
- * Spell/Define
- * Extensions



Since Oct 29, 2012, Alfred has been used 35,803 times. Average 300.9 times per day



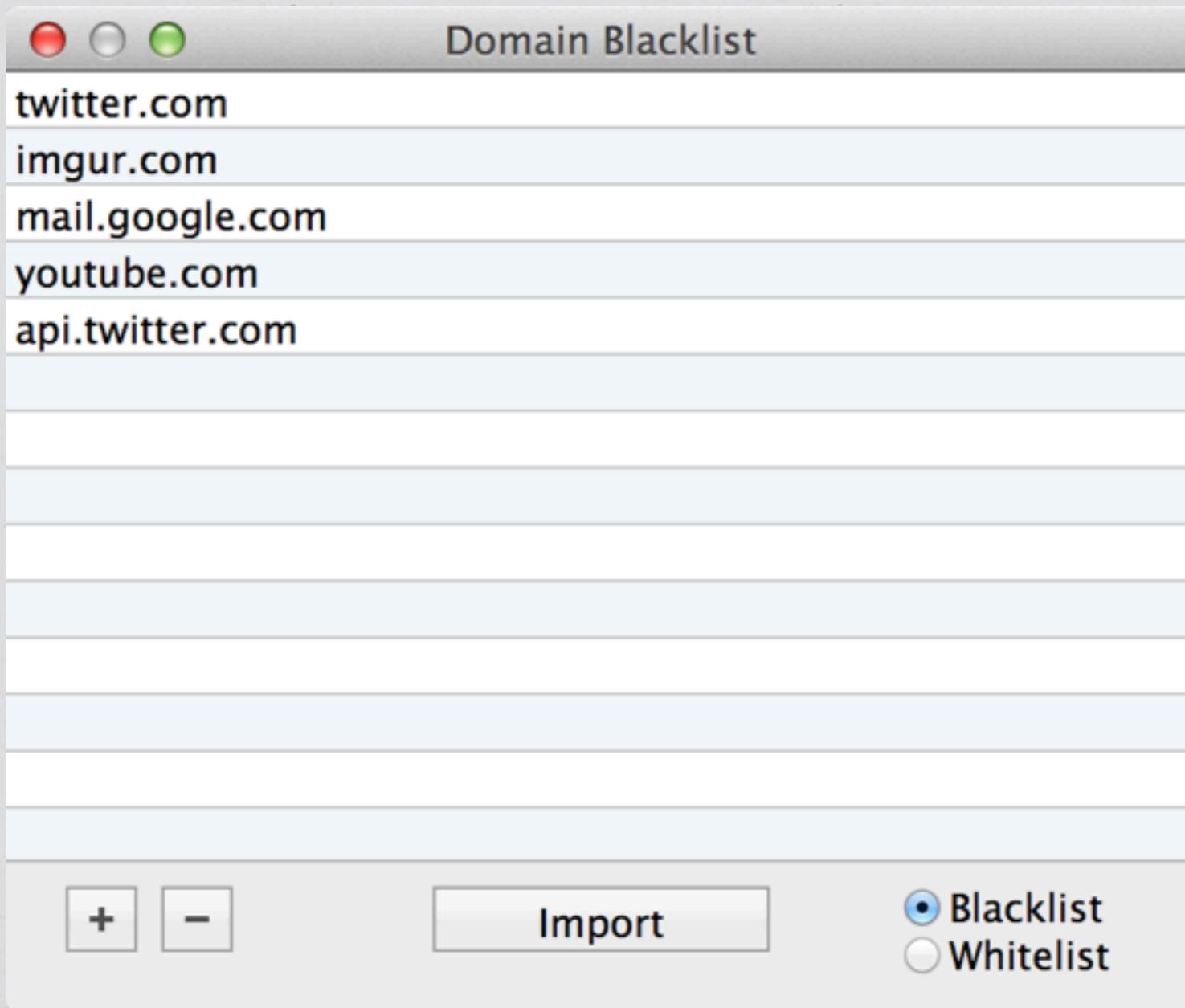
[Reset Daily Average](#)

[Reset Knowledge](#)

Pomodoro

- * Stay focused for a period of time (45min focus/15min break)
- * Runs an AppleScript:
 - * Close Twitter
 - * Close Email
 - * Close Notifiers
 - * Start SelfControl

SelfControl



DuckDuckGo

- * Don't get tracked
- * Great shortcuts to other search engines
- * !gi !gf !gh !a !yt !gm

BetterTouchTools

- * Maximizing
- * Window moving
- * Probably hotkeys?

nvALT.app

- * Very lightweight note taking app
- * Shortcuts to edit the files in a different editor (MacVim???)
- * Evernote HOW DOES IT WORK?

f.lux

- * Adjusts your lightning day and night
- * Annoying at first, but it is the right thing to do

YokuFukurou

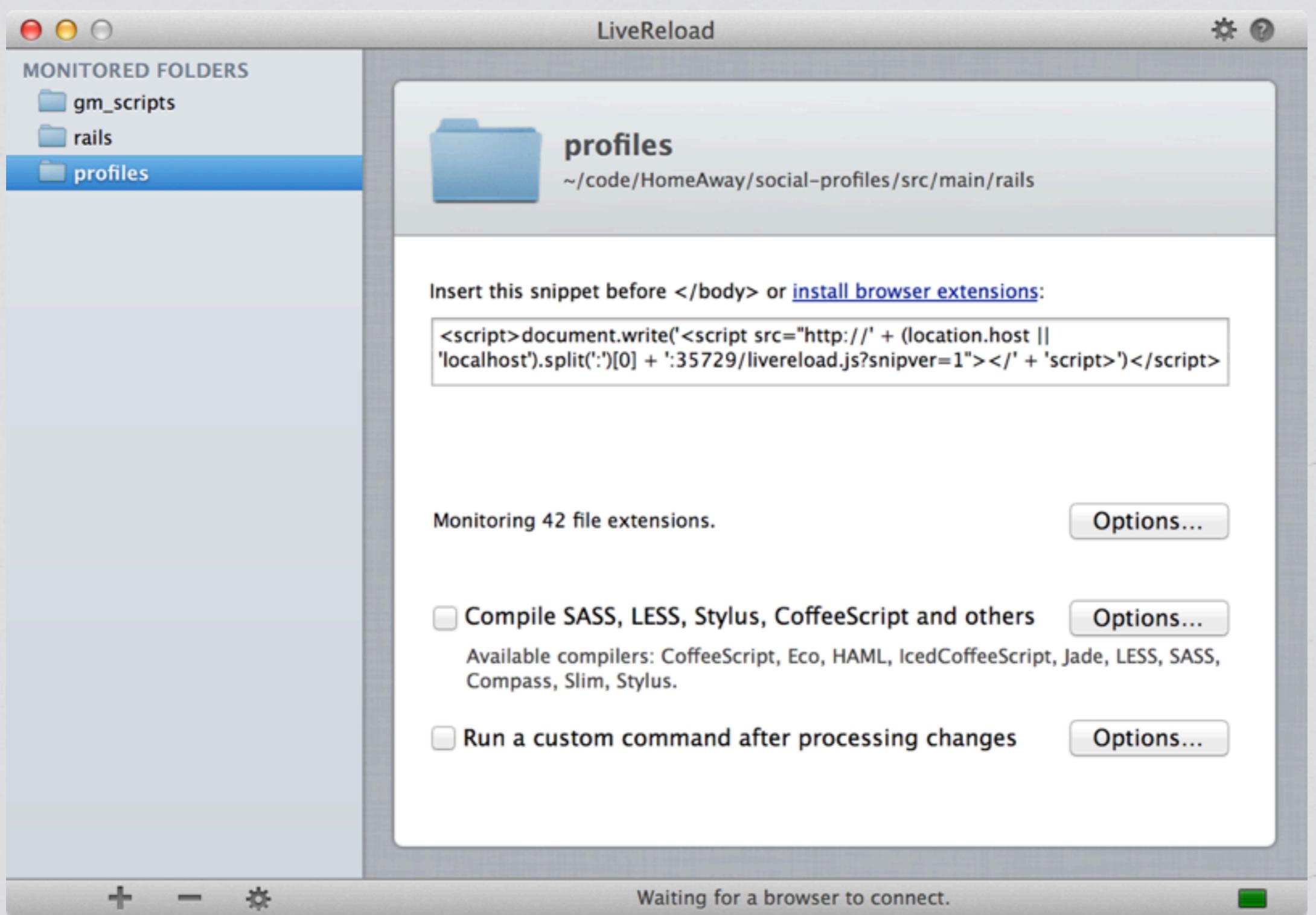
- * Super lightweight Twitter app
- * Vim hotkeys
- * Great “mute” functionality

Guard

- * Fast/instant feedback
- * Grown/tmux notification
- * Keeps you focused

LiveReload

- * Hooks into a browser (Chrome, FF, Safari)
- * Saves you from refreshing the damn page
- * I believe Guard also has some reload functionality
- * Thanks Rob Mack for telling me when it was \$1 in the AppStore



White(Brown) Noise

- * <http://www.simplynoise.com/>
- * iPhone app and 60 minute looping clip for my Mac

Caffeine

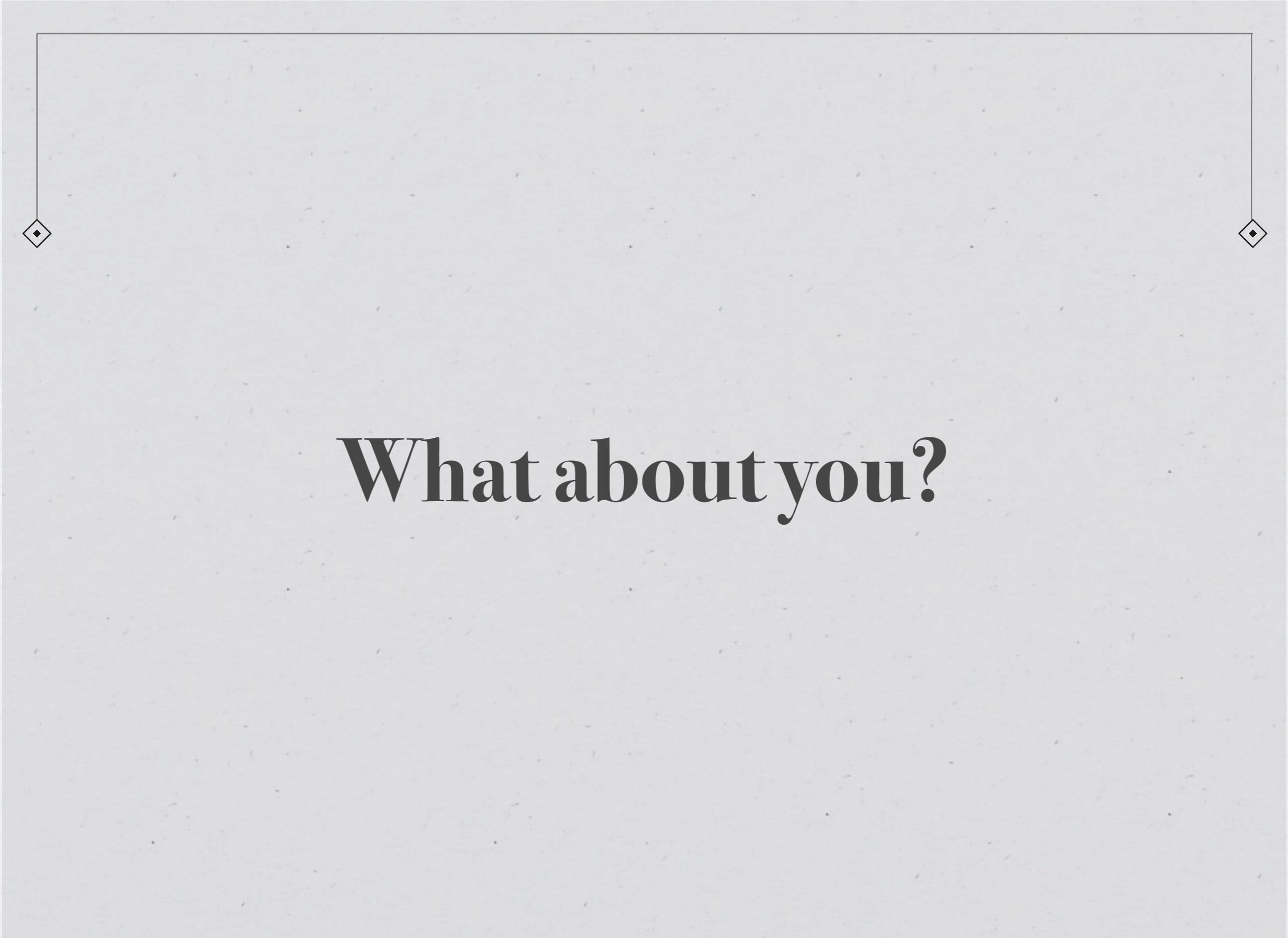
* OMG, stop touching the mouse every three minutes to stop your computer from going to sleep!!!

ShadowKiller

- * Remove the stupid shadow
- * <http://www.unsanity.com/haxies/ShadowKiller>

Non-Tech

- * Sleep
- * Take Breaks
- * Take Walks
- * Read a non-tech book
- * Get a hobby that is not tech



What about you?

How to find you inefficiencies?

- * Every time you notice something silly, write it down, look it up later
- * Pair with someone

Take the Time

Wrap Up