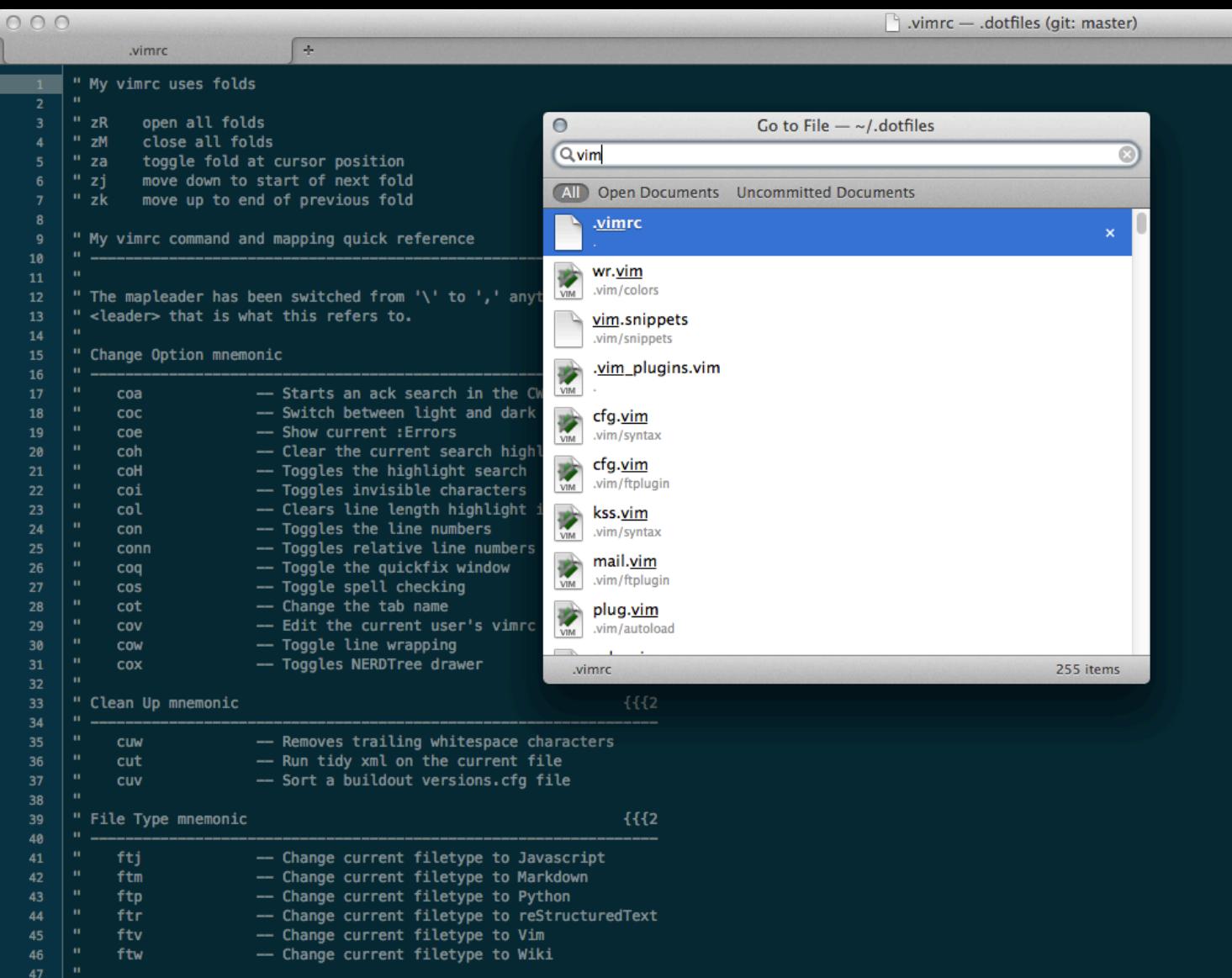


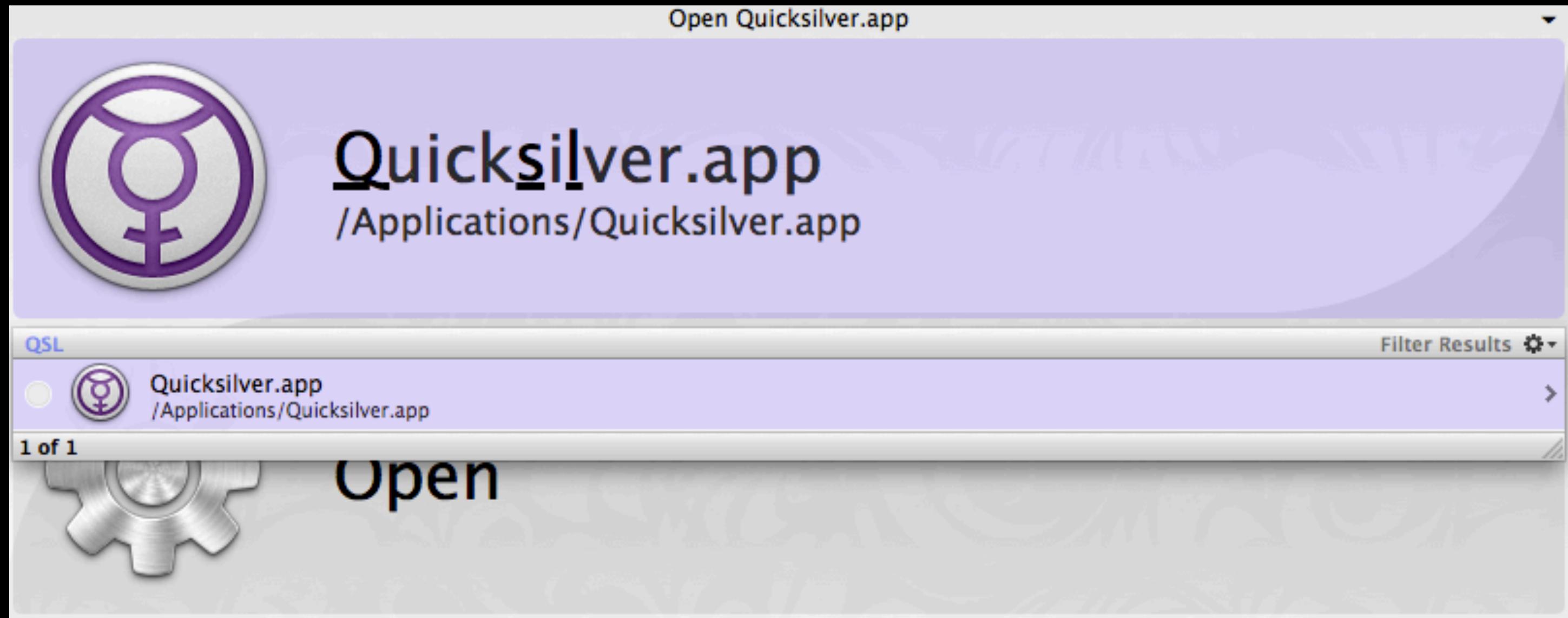
Fuzzy Feelings for Fuzzy Matching

@claytron | VimIndy | 02.2015

You Love It Already.



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A screenshot of a terminal window titled ".vimrc — .dotfiles". The left pane shows a file tree under "FOLDERS" with a node ".dotfiles" expanded, displaying various configuration files like .conky, .i3, .irssi, .pentadactyl, .tmux, .vim, .vimperator, .zsh, .zsh.d, awesome, .ackrc, .bash_profile, .bashrc, .commonenv, .commonfuncs, .commonprofile, .commonrc, .ctags, .email_signature, .gitconfig, .gitignore, .hgrc, .inputrc, .irbrc, .my.cnf, .pdbrc.py, .pentadactylrc, .pryrc, .psqlrc, .pydistutils.cfg, .pystartup, .reviewboardrc, .screenrc, .tmux.conf, and .tvtrrc. The right pane displays the contents of the ".vimrc" file. A vim command palette is open on the right, listing various vim-related files and their paths, such as vim, vim.snippets, inject_meta_charset.py, vimpagerrc, vimrc, vim_plugins.vim, filetype.vim, init.vim, and nightroom.vim.

```
1 " My vimrc uses folds
2 "
3 " zR    open all folds
4 " zM    close all folds
5 " za   toggle fold at cursor position
6 " zj   move down to start of next fold
7 " zk   move up to end of previous fold
8 "
9 " My vimrc command and mapping quick reference
10 "
11 "
12 " The mapleader has been switched from '\' to ',' a
13 " <leader> that is what this refers to.
14 "
15 " Change Option mnemonic
16 "
17 "      coa      -- Starts an ack search in the
18 "      coc      -- Switch between light and da
19 "      coe      -- Show current :Errors
20 "      coh      -- Clear the current search hi
21 "      coH      -- Toggles the highlight searc
22 "      coi      -- Toggles invisible character
23 "      col      -- Clears line length highligh
24 "      con      -- Toggles the line numbers
25 "      conn     -- Toggles relative line numbe
26 "      coq      -- Toggle the quickfix window
27 "      cos      -- Toggle spell checking
28 "      cot      -- Change the tab name
29 "      cov      -- Edit the current user's vimrc
30 "      cow      -- Toggle line wrapping
31 "      cox      -- Toggles NERDTree drawer
32 "
33 " Clean Up mnemonic          {{2
34 "
35 "      cuw      -- Removes trailing whitespace characters
36 "      cut      -- Run tidy xml on the current file
37 "      cuv      -- Sort a buildout versions.cfg file
38 "
39 " File Type mnemonic          {{2
40 "
41 "      ftj      -- Change current filetype to Javascript
42 "      ftm      -- Change current filetype to Markdown
43 "      ftp      -- Change current filetype to Python
44 "      ftr      -- Change current filetype to reStructuredText
45 "      ftv      -- Change current filetype to Vim
46 "      ftw      -- Change current filetype to Wiki
```

In **Vim**, You Tried...

☞ **Fuzzy Finder**

☞ **Command-T**

☞ **CtrlP**



Now What?





Install is easy¹

```
$ git clone --depth 1 https://github.com/junegunn/fzf.git ~/.fzf  
$ ~/.fzf/install
```

¹ As long as you are on a supported platform. Otherwise, you need to create a binary.

My Settings

```
# My defaults for FZF (mostly changed to see hidden files)
export FZF_DEFAULT_COMMAND='find -L . -type f -o -type d -o -type l | sed 1d | cut -b3- | grep -v -e .git/ -e .svn/ -e .hg/'
export FZF_CTRL_T_COMMAND=$FZF_DEFAULT_COMMAND

# Enhance the default experience
export FZF_DEFAULT_OPTS='--extended --multi --inline-info --prompt="fzf> "'
```

Use Cases



Find *Files* in Vim

A screenshot of a terminal window displaying a blank file in the Vim text editor. The window title is '[No Name]'. The status bar at the bottom shows 'NORMAL > master > [No Name]' on the left and '[unix] < 100% 0: 1' on the right. The main area of the window is entirely blank, with only the Vim status line visible at the top.

Find **Buffers** in Vim

```
6 module Augury-
7   class Fortune-
8     def initialize(username, path, **options)-
9       load_config_from_file-
10      augury_config(username, path, **options)-
11    end-
12  -
13  def collect_with_max_id(collection=[], max_id=nil, &block)-
14    response = yield(max_id)-
15    collection += response-
16    if response.empty?-
17      collection.flatten-
18    elsif ! @count.zero? && collection.length >= @count-
19      collection.flatten-
20    else-
21      collect_with_max_id(collection, response.last.id - 1, &block)-
22    end-
23  end-
24  -
25  def tweets-
26    twitter_config-
27    collect_with_max_id do |max_id|-
28      options = {-
29        count: @count.zero? ? 200 : @count,-
30        include_rts: true,-
31      }-

```

NORMAL ➤ +2 ~7 -6 ↵ master ➤ lib/augury/fortune.rb

collect_with_max_id < ruby ➤ utf-8[unix] ➤ 20% ↵ 18: 19

Find *Recent Files* in Vim

```
1 # Augury-
2 -
3 [![Code Climate](https://codeclimate.com/github/claytron/augury/badges/gpa.svg)](https://codeclimate.com/github/claytron/
augury)-
4 [![Test Coverage](https://codeclimate.com/github/claytron/augury/badges/coverage.svg)](https://codeclimate.com/github/
claytron/augury/coverage)-
5 -
6 Have you ever wanted to turn a twitter account into a fortune file?-
7 Well, today is your lucky day!-
8 -
9 <blockquote>-
10 Augury is the practice from ancient Roman religion of<br>-
11 interpreting omens from the observed flight of birds.<br><br>-
12 As per <a href="https://en.wikipedia.org/wiki/Augury">Wikipedia</a>-
13 </blockquote>-
14 -
15 There are a lot of really funny twitter accounts out there.-.
16 Let's just pick one and get started.-.
17 -
18 ````-
19 $ augury generate seinfelddtoday-
20 ````-
21 -
22 This just created the fortune files in the current directory:-.
23 -
24 ````-
```

NORMAL ➤ +0 ~0 -0 ↵ master ➤ README.md

Augury < markdown < utf-8[unix] < 727 words < 0% ↵ 1: 1

Switch **Color Schemes** in Vim

```
1 require 'facets/string/word_wrap'-
2 require 'parseconfig'-
3 require 'twitter'-
4 require 'wannabe_bool'-
5 -
6 module Augury-
7   class Fortune-
8     def initialize(username, path, width=nil, append=nil, count=nil)-
9       begin-
10         @config = ParseConfig.new(File.expand_path('~/ .augury.cfg'))-
11       rescue Errno::EACCES-
12         @config = ParseConfig.new-
13       end-
14 -
15       augury_config(username, path, width, append, count)-
16       twitter_config-
17     end-
18 -
19     def collect_with_max_id(collection=[], max_id=nil, &block)-
20       response = yield(max_id)-
21       collection += response-
22       if response.empty?-
23         collection.flatten-
24       elsif ! @count.zero? && collection.length >= @count-
25         collection.flatten-
26       else-
```

NORMAL ➤ +0 ~0 -0 ↵ master ➤ lib/augury/fortune.rb

ruby ➤ utf-8[unix] ➤ 1% ↵ 1: 1

Outside Vim



Find **Files**

```
└ /Users/clayton/work/projects/augury/augury ━
  | (master | ✓)
└ clyde% ━
```

Inspect *Environment*

```
└ /Users/clayton ┐  
└ clyde% ┌
```

Git Stash Helper

```
└ /Users/clayton/work/projects/augury/augury—  
  └ (master | 1...)  
  └ clyde%— ┌
```

junegunn on GitHub





Links

↳ FZF

↳ fzf.vim

↳ Custom MRU Setup in Vim

↳ My FZF Config

↳ My .dotfiles

↳ VimIndy





Image Credits

- ☞ In Vim, You Tried (blondinrikard @ flickr)
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