



TMUX
SUPERPOWERS

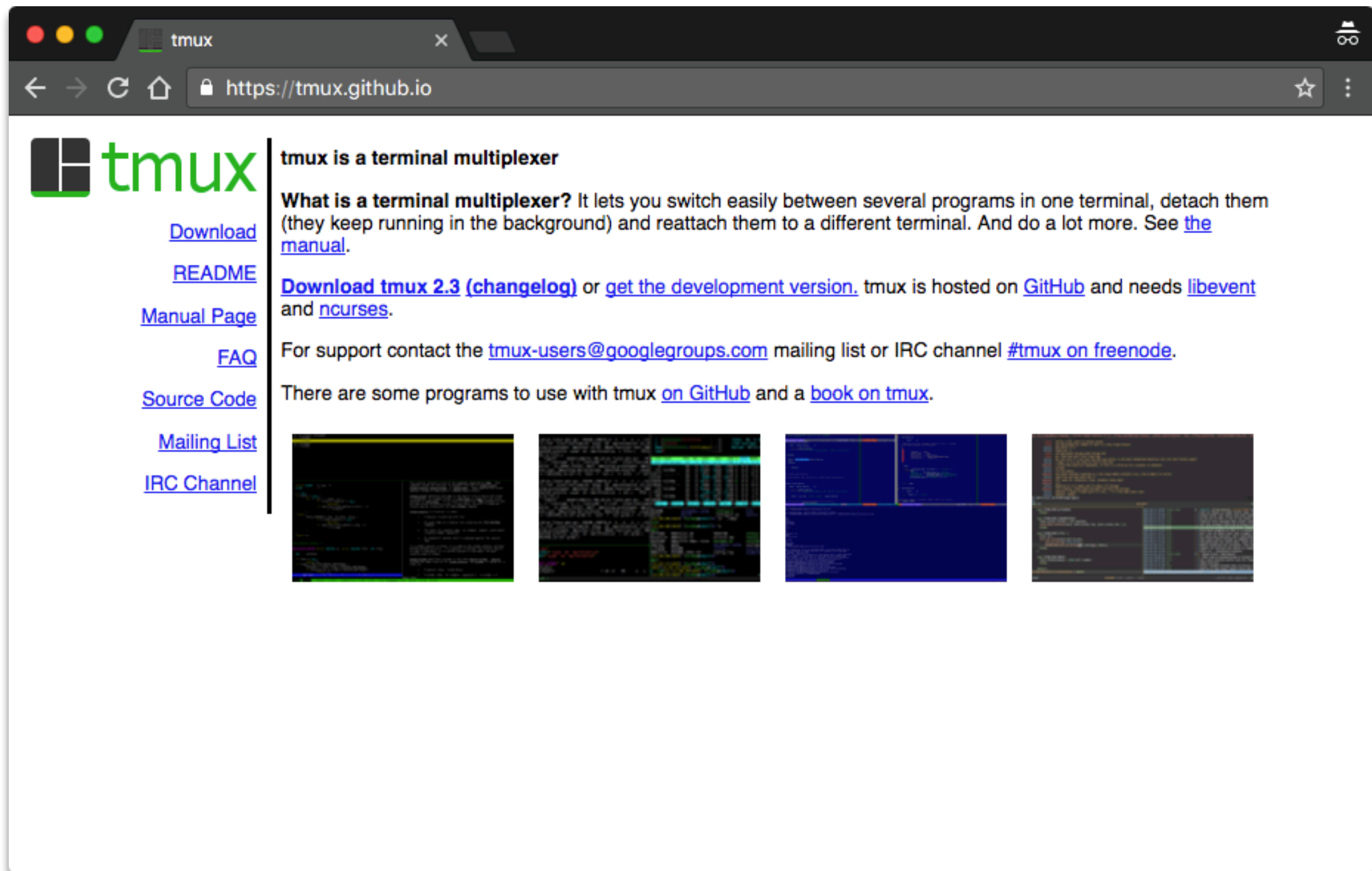
HOW MANY HAVE USED TMUX?

HOW MANY USE TMUX OFTEN?

TMUX SUPERPOWERS

WHAT IS TMUX?

TMUX SUPERPOWERS



TMUX SUPERPOWERS

I ❤️ TMUX!

I USE TMUX EVERY DAY.

***TMUX HELPS ME WORK FASTER, MORE
EFFECTIVELY.***

TMUX GIVES ME SUPERPOWERS!



=



TMUX SUPERPOWERS

WHAT ARE SUPERPOWERS FOR SOFTWARE ENGINEERS?

TMUX SUPERPOWERS

DEMO

TMUX SUPERPOWERS

***SUPERPOWERS ARE TOOLS AND
FEATURES THAT HELP US WORK
FASTER AND MORE EFFICIENTLY.***

TMUX SUPERPOWERS

***TODAY I WANT TO DEMO A FEW OF
THE TMUX SUPERPOWERS I USE AND
LOVE THE MOST.***

TMUX SUPERPOWERS

BUT FIRST, A FEW BASICS...

TMUX SUPERPOWERS

PREFIX KEY COMBO: <CTRL> A

WINDOWS

PANES

SESSIONS

TMUX SUPERPOWERS

SUPERPOWER #1

CUSTOM IDE



TMUX SUPERPOWERS



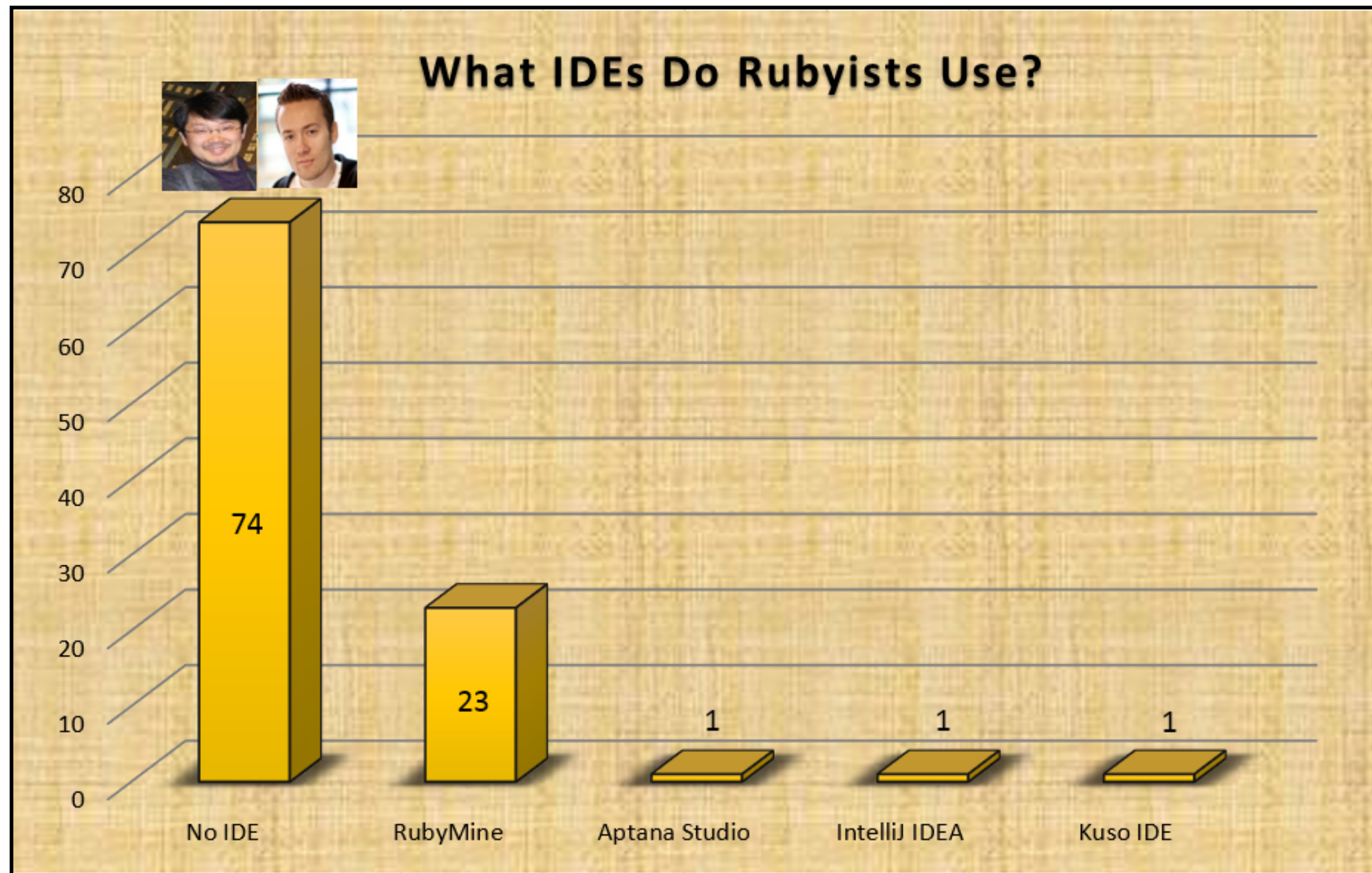
CUSTOM IDE

DO RUBYISTS USE IDE'S?

TMUX SUPERPOWERS



CUSTOM IDE

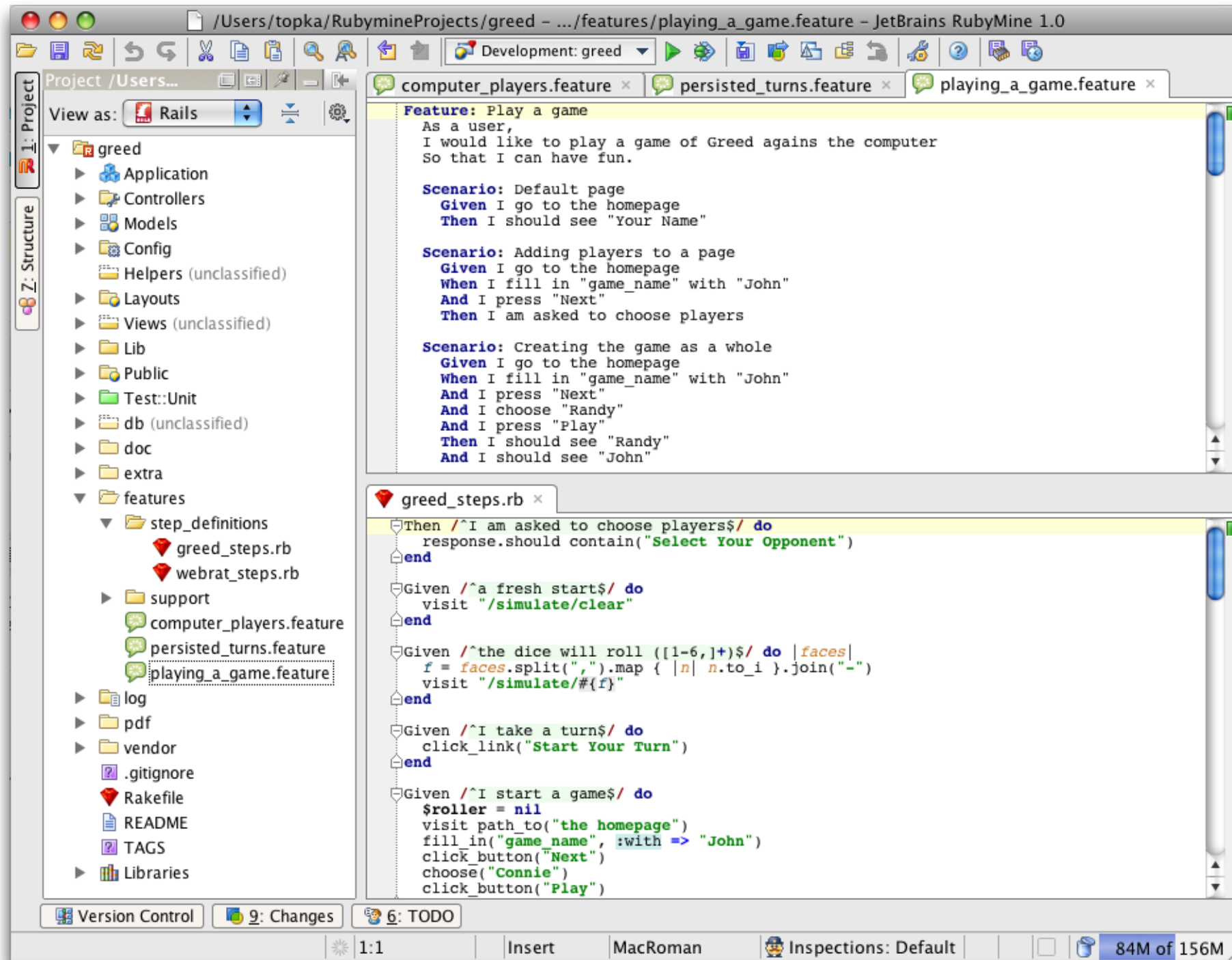


<https://www.sitepoint.com/ides-rubyists-use/>

TMUX SUPERPOWERS



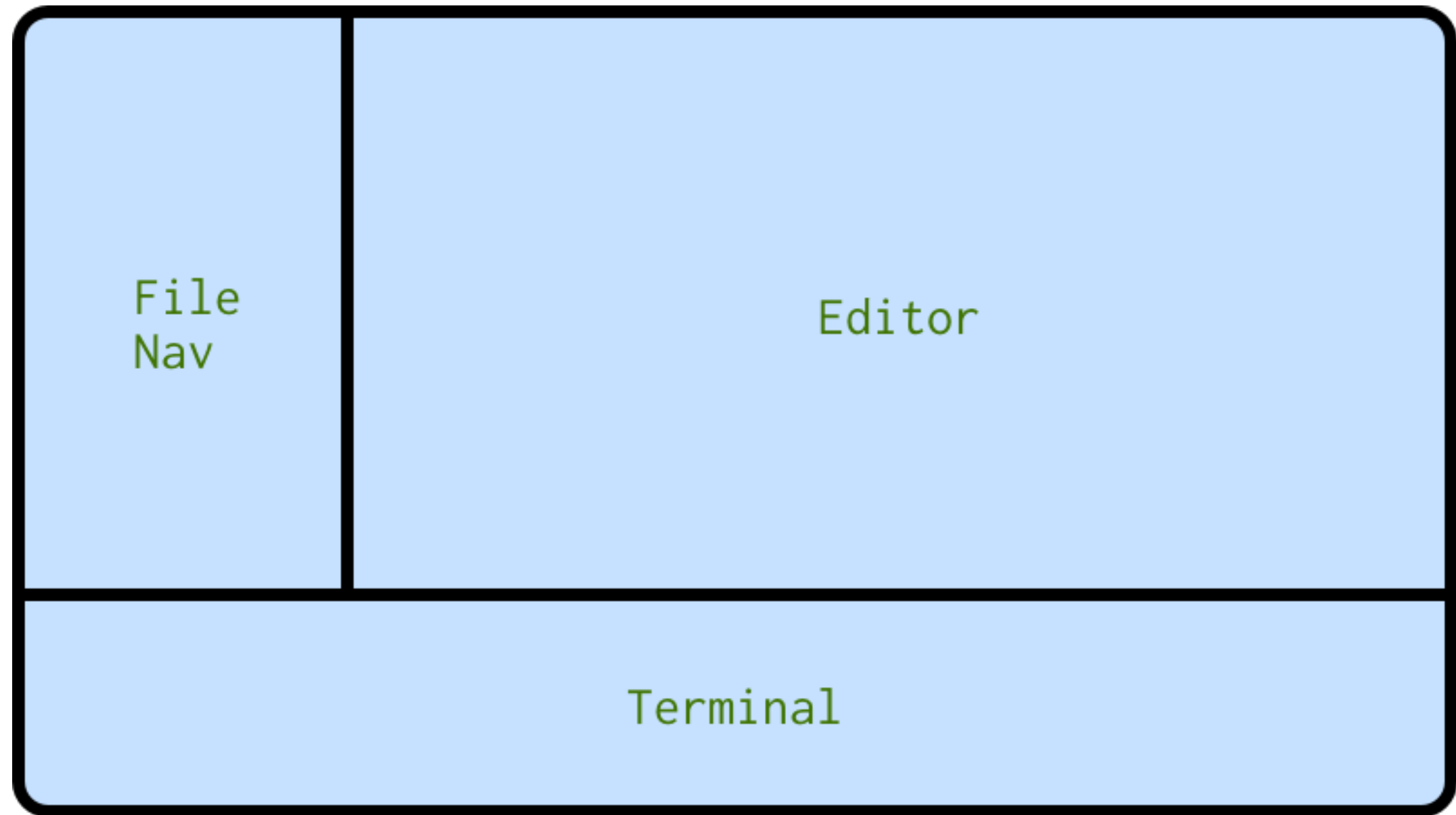
CUSTOM IDE



TMUX SUPERPOWERS



CUSTOM IDE



TMUX SUPERPOWERS



CUSTOM IDE

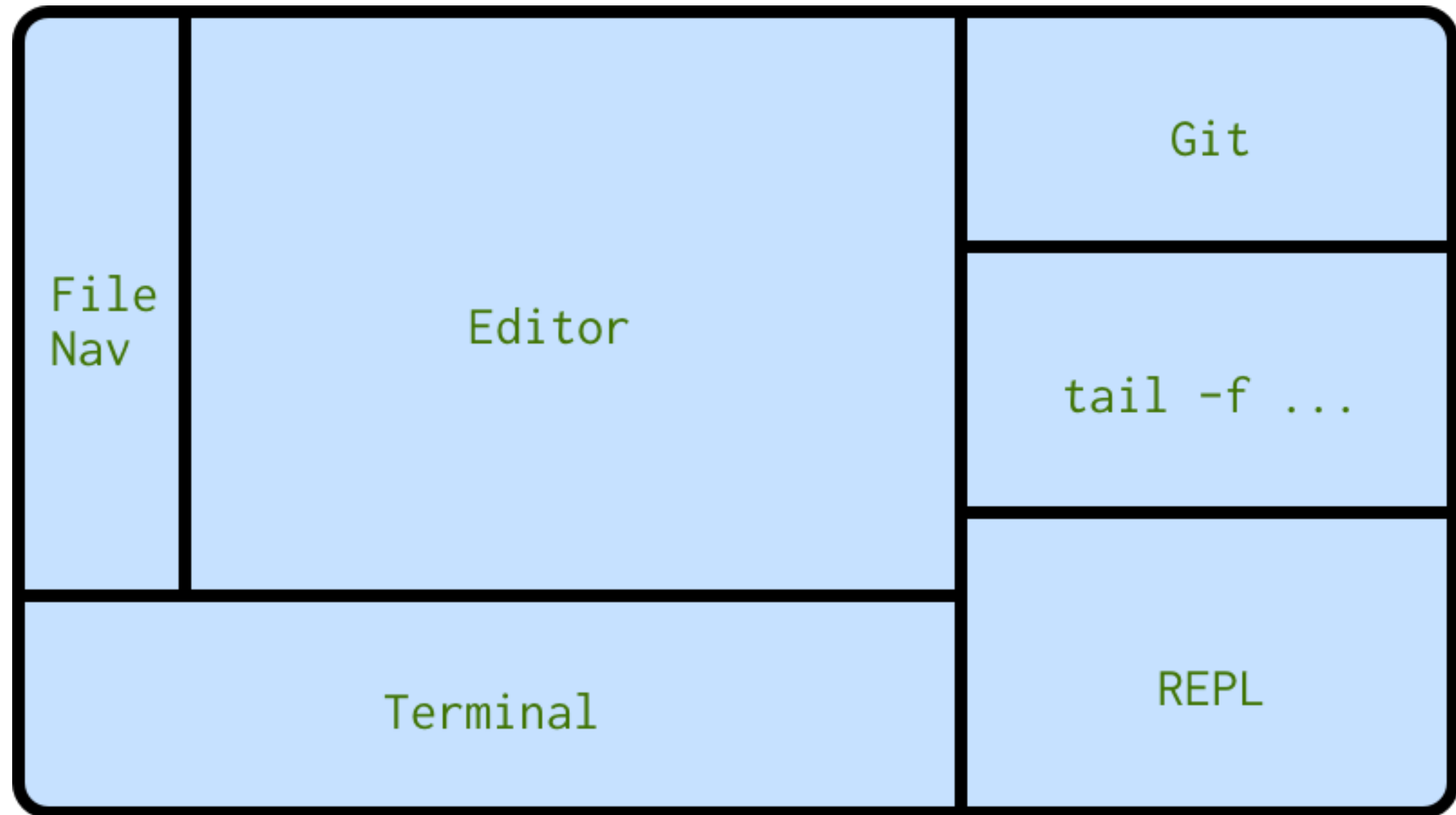
Editor

Terminal

TMUX SUPERPOWERS



CUSTOM IDE



TMUX SUPERPOWERS



CUSTOM IDE

WITH TMUX,

"THE SKY'S THE LIMIT."

TMUX SUPERPOWERS



CUSTOM IDE

DEMO

TMUX SUPERPOWERS



CUSTOM IDE

TOOLS USED:

- ☒ ***TMUX***
- ☒ ***VIM***
- ☒ ***TMUXINATOR***

TMUX SUPERPOWERS

SUPERPOWER #2

MULTIPLE SESSIONS



TMUX SUPERPOWERS



MULTIPLE SESSIONS

***TMUX RUNS A SERVER/CLIENT
ARCHITECTURE***

TMUX SUPERPOWERS



MULTIPLE SESSIONS

***YOU CAN RUN MULTIPLE TMUX
SESSIONS, AND YOU CAN "ATTACH
TO" AND "DETACH FROM" THOSE
SESSIONS EASILY.***

TMUX SUPERPOWERS



MULTIPLE SESSIONS

BENEFITS?

- ☒ ***PRESERVE LONG PROCESSES***
- ☒ ***KEEP MULTIPLE PROJECTS OPEN***
- ☒ ***DECOUPLE FROM YOUR
TERMINAL APPLICATION***



MULTIPLE SESSIONS

DEMO

TMUX SUPERPOWERS



MULTIPLE SESSIONS

TOOLS USED:

- ☒ ***TMUX***
- ☒ ***TMUXINATOR***
- ☒ ***CUSTOM FUNCTIONS***

SUPERPOWER #3

QUICK PANES



TMUX SUPERPOWERS



QUICK PANES

***NEED TO QUICKLY "POP OPEN" A
PROGRAM OR PROCESS?***

TMUX SUPERPOWERS



QUICK PANES

FROM ~/.TMUX.CONF

```
# Quickly view system & process info  
bind-key h split-window -h -p 35 "htop"
```

TMUX SUPERPOWERS



QUICK PANES

DEMO

TMUX SUPERPOWERS



QUICK PANES

TOOLS USED:

☒ ***TMUX***

☒ ***HTOP***

☒ ***GITSH***

SUPERPOWER #4

AWESOME TESTS



TMUX SUPERPOWERS



AWESOME TESTS

WE ALWAYS TEST OUR CODE.



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AWESOME TESTS

BUT THERE ARE PAIN POINTS...

◆ ***TAKE TOO LONG***

◆ ***LOSE FOCUS SWITCHING TO
TERMINAL***



AWESOME TESTS

***SO SOMETIMES WE NEGLECT
TESTING!***

TMUX SUPERPOWERS



AWESOME TESTS





AWESOME TESTS

NEVER FEAR.

TMUX TO THE RESCUE!



TMUX SUPERPOWERS



AWESOME TESTS

DEMO

TMUX SUPERPOWERS



AWESOME TESTS

TOOLS USED:

☒ ***TMUX***

☒ ***VIM***

☒ ***VIM-TMUX-RUNNER***

SUPERPOWER #5

SEND TO REPL



TMUX SUPERPOWERS



SEND TO REPL

WHAT IS A REPL?

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SEND TO REPL

READ-EVAL-PRINT-LOOP

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SEND TO REPL

FOR EXAMPLE...

☒ ***IRB***

☒ ***PRY***

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SEND TO REPL

***EVER FOUND YOURSELF
COPYING LINES OF CODE INTO
IRB TO SEE IF THEY WORK?***

TMUX SUPERPOWERS



SEND TO REPL

TMUX TO THE RESCUE!

TMUX SUPERPOWERS



SEND TO REPL

DEMO

TMUX SUPERPOWERS



SEND TO REPL

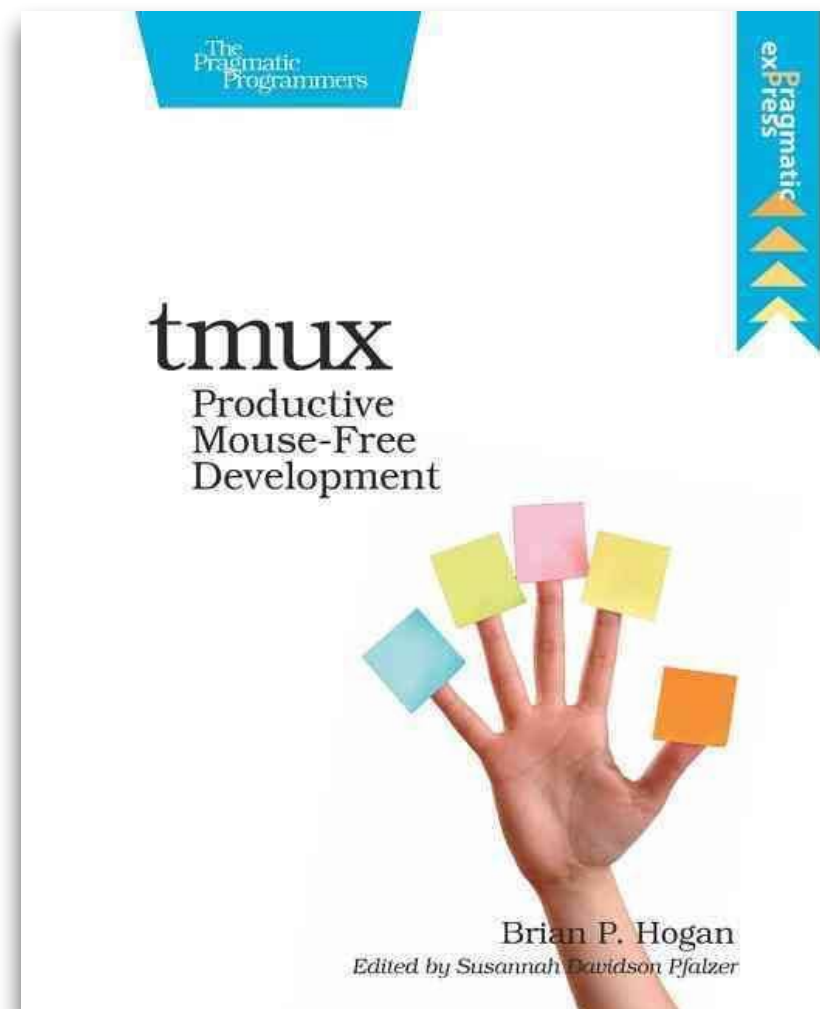
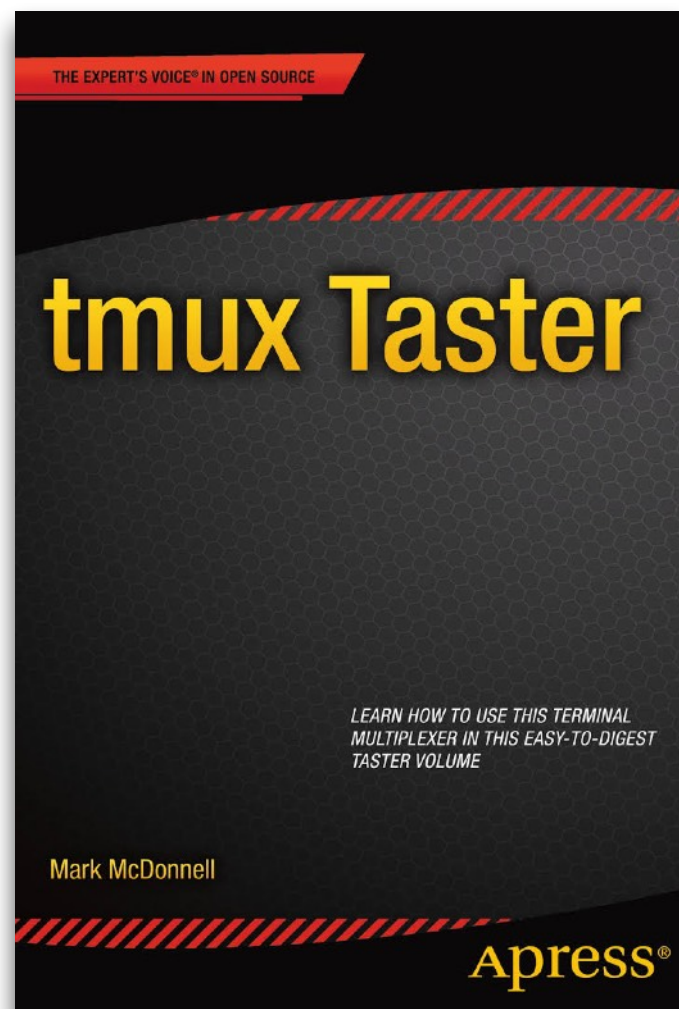
TOOLS USED:

- ☒ ***TMUX***
- ☒ ***VIM***
- ☒ ***VIM-TMUX-RUNNER***
- ☒ ***PRY***

WHERE TO GO FROM HERE?

TMUX SUPERPOWERS

BOOKS



TMUX SUPERPOWERS

UPCASE BY THOUGHTBOT

Learn tmux | Terminal Multiple: X

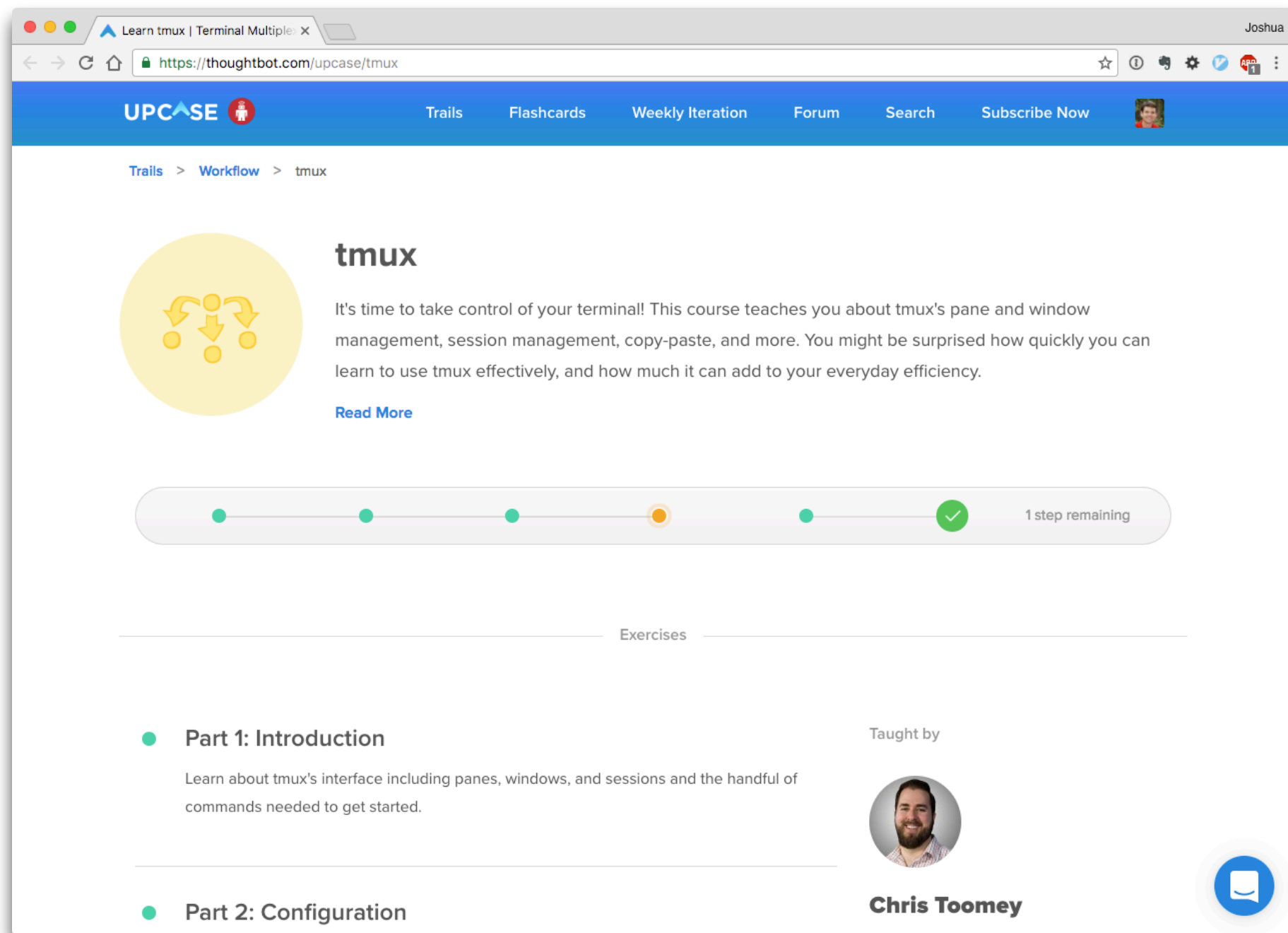
Joshua

https://thoughtbot.com/upcase/tmux

UPCASE

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Trails > Workflow > tmux



tmux

It's time to take control of your terminal! This course teaches you about tmux's pane and window management, session management, copy-paste, and more. You might be surprised how quickly you can learn to use tmux effectively, and how much it can add to your everyday efficiency.

[Read More](#)

1 step remaining


Exercises

●

Part 1: Introduction

Learn about tmux's interface including panes, windows, and sessions and the handful of commands needed to get started.


Taught by



Chris Toomey

●

Part 2: Configuration



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DOTFILES

- ▶ <http://jsua.co/dotfiles>
- ▶ <https://github.com/Stratus3D/dotfiles>
- ▶ <https://github.com/Integralist/ProVim>
- ▶ <https://github.com/christoomey/dotfiles>

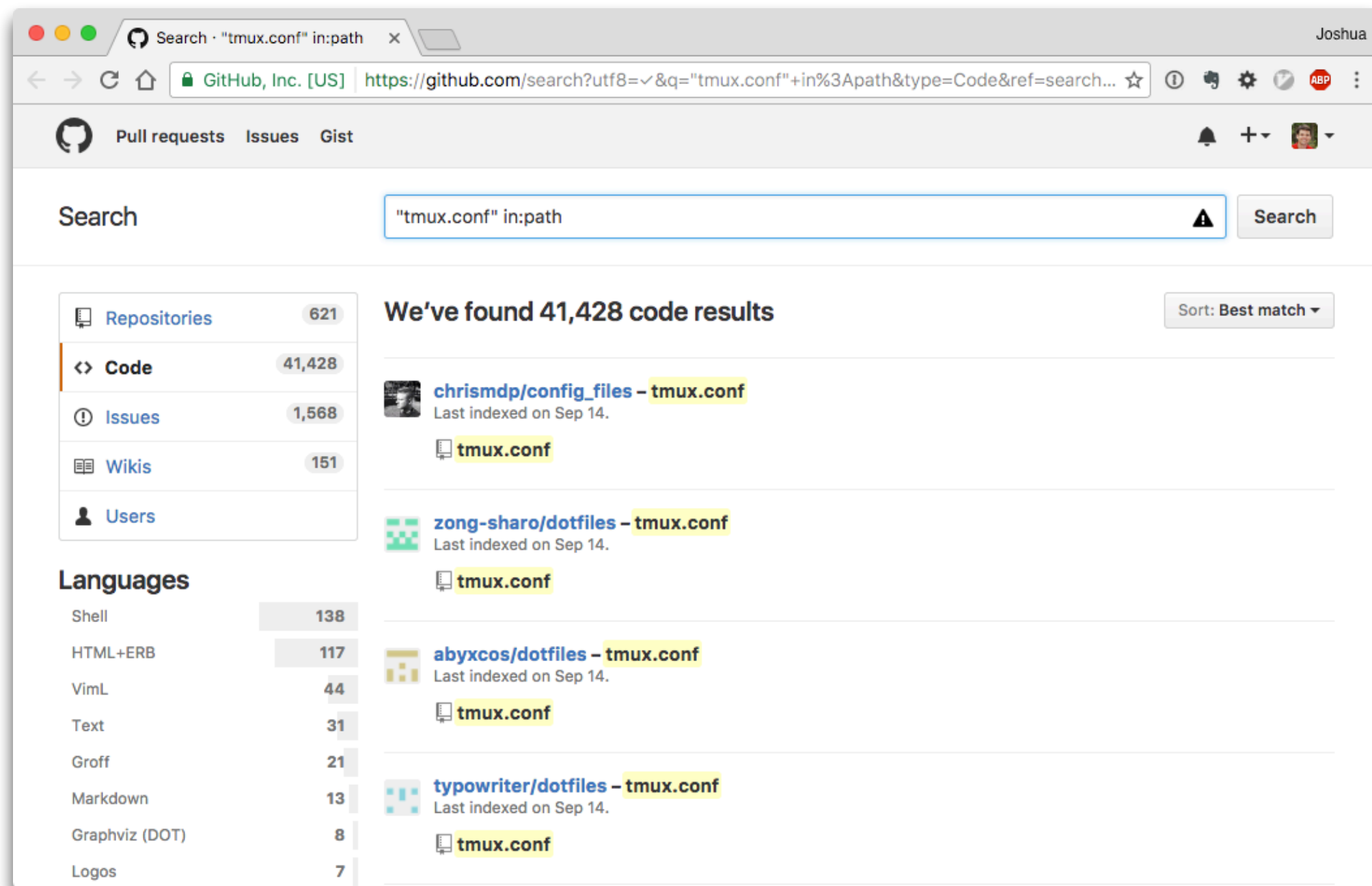
COMMANDS

```
$ man tmux
```

```
$ tmux list-commands | grep pane
```

```
$ tmux list-keys
```

.TMUX.CONF ON GITHUB



The screenshot shows a web browser window with the GitHub search interface. The search query is '"tmux.conf" in:path'. The results show 41,428 code results. The left sidebar lists categories: Repositories (621), Code (41,428), Issues (1,568), Wikis (151), and Users. Below this is a 'Languages' section with a bar chart showing counts for Shell (138), HTML+ERB (117), VimL (44), Text (31), Groff (21), Markdown (13), Graphviz (DOT) (8), and Logos (7). The main content area displays the top results, each with a repository name, a 'tmux.conf' file icon, and the text 'Last indexed on Sep 14.'.

Search · "tmux.conf" in:path

GitHub, Inc. [US] [https://github.com/search?utf8=✓&q=\"tmux.conf\"+in%3Apath&type=Code&ref=search...](https://github.com/search?utf8=✓&q=\)

Pull requests Issues Gist

Search "tmux.conf" in:path Search

We've found 41,428 code results Sort: Best match

Repositories 621

Code 41,428

Issues 1,568

Wikis 151

Users

Languages

Shell	138
HTML+ERB	117
VimL	44
Text	31
Groff	21
Markdown	13
Graphviz (DOT)	8
Logos	7

chrismdp/config_files - tmux.conf
Last indexed on Sep 14.
tmux.conf

zong-sharo/dotfiles - tmux.conf
Last indexed on Sep 14.
tmux.conf

abyxcos/dotfiles - tmux.conf
Last indexed on Sep 14.
tmux.conf

typewriter/dotfiles - tmux.conf
Last indexed on Sep 14.
tmux.conf

TMUX SUPERPOWERS

TMUX TOOLS

- ▶ **Tmuxinator**

<https://github.com/tmuxinator/tmuxinator>

- ▶ **Vim-Tmux-Runner**

<https://github.com/christoomey/vim-tmux-runner>

- ▶ **Vim-Tmux-Navigator**

<https://github.com/christoomey/vim-tmux-navigator>

- ▶ **Tmux-Resurrect**

<https://github.com/tmux-plugins/tmux-resurrect>

TMUX SUPERPOWERS

THANK YOU FOR LISTENING.



QUESTIONS?

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