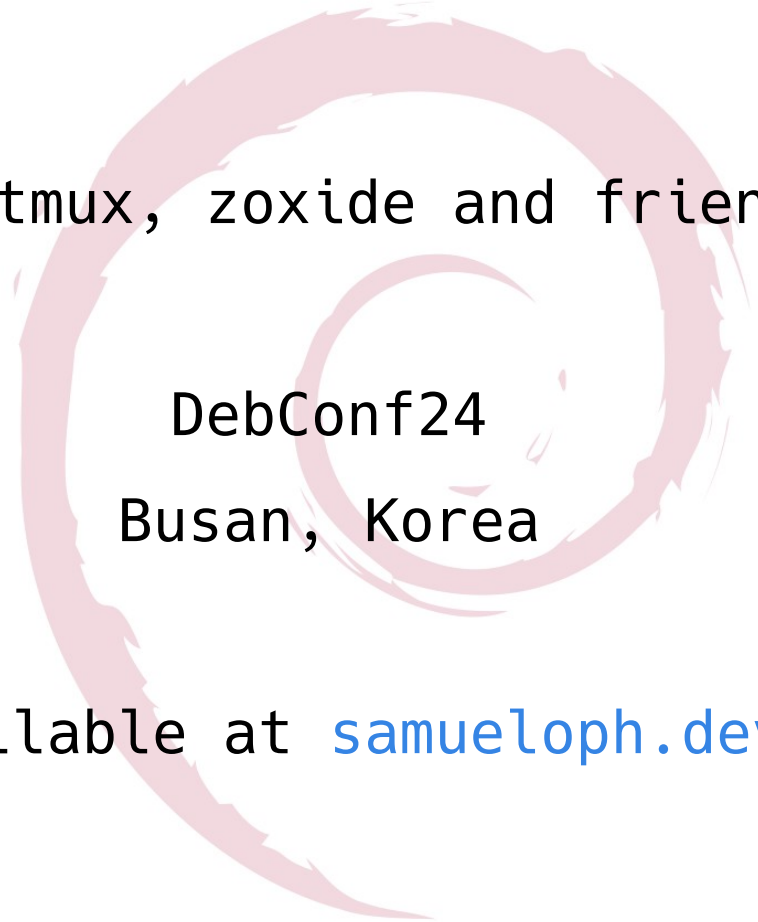
"I use Debian BTW"



fzf, tmux, zoxide and friends

DebConf24

Busan, Korea

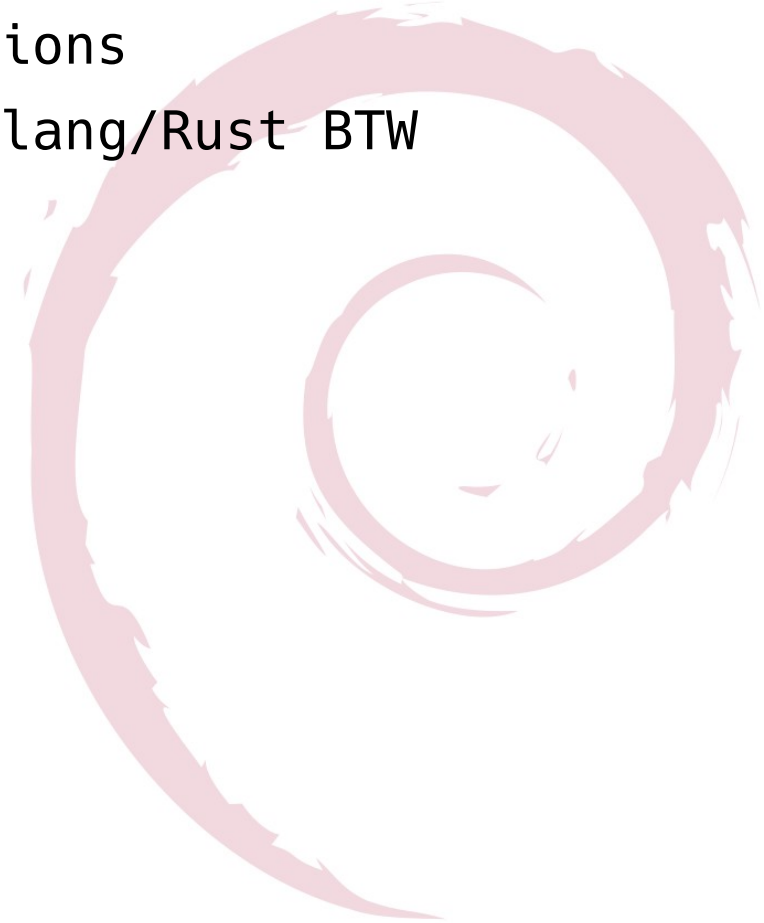
Slides available at samueloph.dev/slides

About me

- Samuel Henrique <samueloph>
- Debian Developer since 2018
- Member of the Security Tools Packaging Team
- Maintains curl, rsync, shellcheck...
- Mentorship for newcomers learning packaging
- System Development Engineer for Amazon Linux, security team
- Debian/Linux, Python, Rust, Bash, Security
- linkedin.com/in/samueloph
- samueloph.dev

Summary

- Silly recomendations
- Rewrite it in Golang/Rust BTW
- Ripgrep
- Fd
- Fzf
- Tmux-sessionizer
- Zoxide?



The silly recommendations

- CapsLock as escape or control
- Pick a nice programming font
  - Hack?
- Disable DE animations
- ~/.inputrc

```
# Make autocompletion case insensitive and display
suggestions after single tab.

# https://bugs.debian.org/990353

set completion-ignore-case On

set show-all-if-ambiguous On
```

~/.bashrc

- ```
  # Import all .bashrc files (sorted) under "~/.bashrc.d/"
  # shellcheck disable=SC2012,SC1090
  for bashrc_script in $(find "$HOME"/.bashrc.d/*.bashrc -type f | sort -V); do
      source "$bashrc_script"
  done
  ```

- ```
  # Add timestamp to bash history
  export HISTTIMEFORMAT="%g/%m/%d %H:%M “
  ```

- ```
  # Automatically run "ls" after "cd"
  [[ $- == *i* ]] && function cd {
      builtin cd "$@" && ls -Ftr1
  }
  ```
  ```

Powerline

samueloph
debian/unstable
1 … 1 1
~
packaging
curl
1
^C
samueloph
debian/unstable
1 … 1 1
~
packaging
curl
1
SIGINT

Rewrite in Golang/Rust BTW

- Rewrite the same thing using a different language

  OR...
- Start fresh with better defaults and UX

Ripgrep

- https://github.com/BurntSushi/ripgrep
- $ sudo apt install ripgrep
- At least 2x faster than regular GNU grep in most cases
- To search recursively, ignoring hidden files, binary files, and files from .gitignore

```
$ rg SOMETHING
```

Fd

- https://github.com/sharkdp/fd
- $ sudo apt install fd-find
- At least 13x faster than regular GNU find in upstream's benchmark
- To search recursively, case insensitive, ignoring hidden files, and files from .gitignore

```
$ fdfind SOMETHING
```

fzf

- https://github.com/junegunn/fzf
- $ sudo apt install fzf
- “A command-line fuzzy finder”
- ~/.bashrc

```
# Use fzf for Ctrl+r
source /usr/share/doc/fzf/examples/key-bindings.bash
```

tmux-sessionizer

- Based on ThePrimeagen's sessionizer
- https://github.com/samueloph/dotfiles/blob/0eec44424ac6930abcdd8acd81137d016b779dc7/tmux/supporting_files/tmux-sessionizer
- Gate between the terminal and your tmux sessions

zoxide

- https://github.com/ajeetdsouza/zoxide
- $ sudo apt install zoxide
- “zoxide is a smarter cd command, inspired by z and autojump.”
- “It remembers which directories you use most frequently, so you can "jump" to them in just a few keystrokes.”
- Can be used to improve the tmux-sessionizer, suggesting frequently acessed projects first in the results

Questions?

I will be around for the whole DebConf, feel free to reach out too

Muito obrigado!

“I use Debian BTW”

DebConf24

Busan, Korea

Slides available at samueloph.dev/slides