

# "I use Debian BTW"

fzf, tmux, zoxide and friends


DebConf24  
Busan, Korea

Slides available at [samueloph.dev/slides](https://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
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# Summary

- Silly recommendations
  - 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](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 accessed projects first in the results

# Questions?

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



# Muito obrigado!

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