Oxidize your shell

5+1 modern CLI tools for *Ye Olde* rusty geekos

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1

Brace yourself

We are going to replace

- `cat`
- `find`
- `grep`
- `ps`
- `time`
- `PS1`
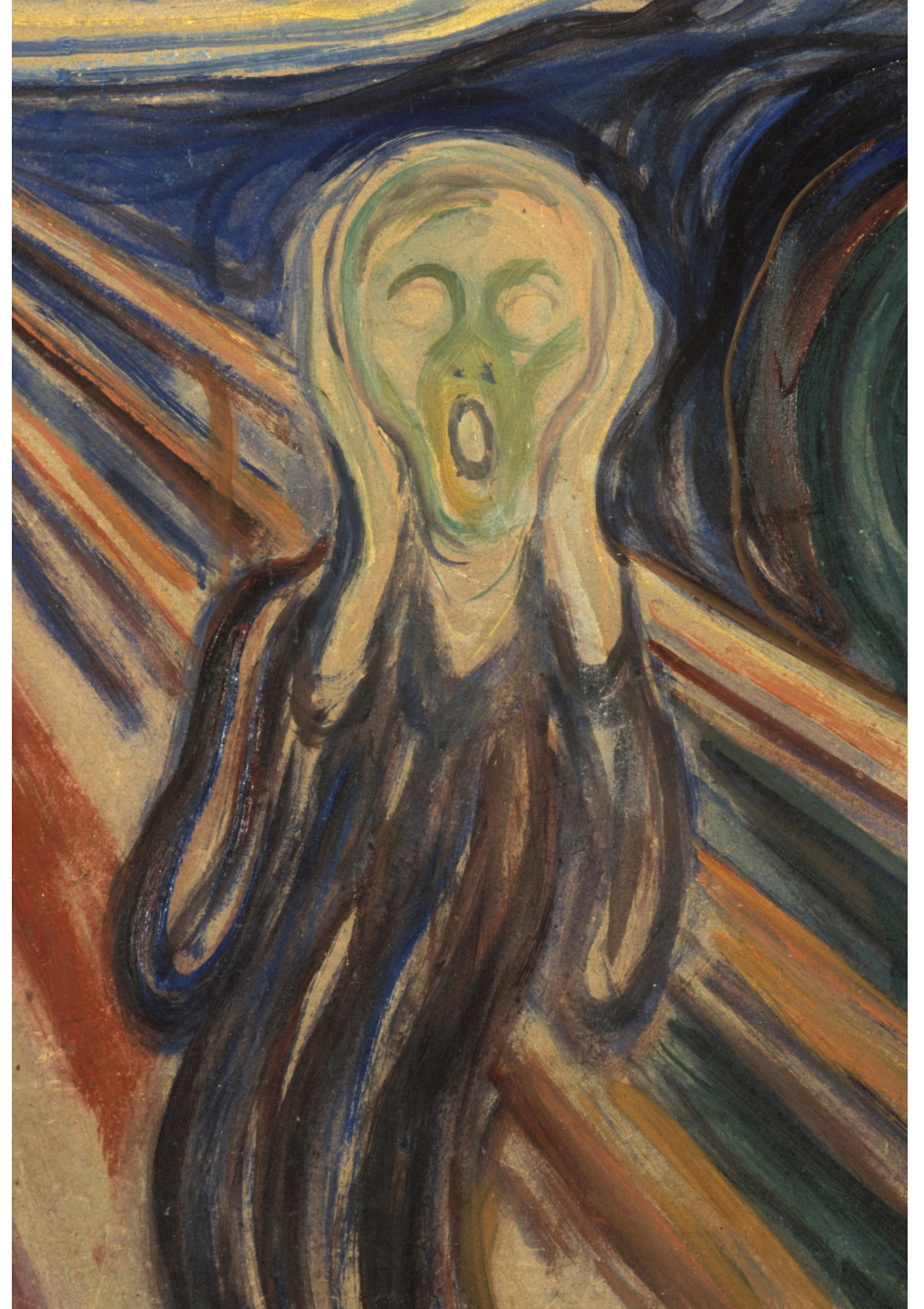
Why ? I like my old tools!

... and they work flawlessly 😠

- A pillar of free software: diversity, richness, freedom of choice... The Bazaar!

- New users use them on other platforms, maybe you want to know what those foolish young hipsters mess around with 🤓

- Totally optional, use at your own pace. Nothing disappears installing them

- Good OSS projects, small enough to start contributing in a new programming language (also because they may lack features that unix veterans can bring in 😉)

- Why not ? Trying something new won't hurt

And of course...

... because there's a cute mascot like Ferris the crab
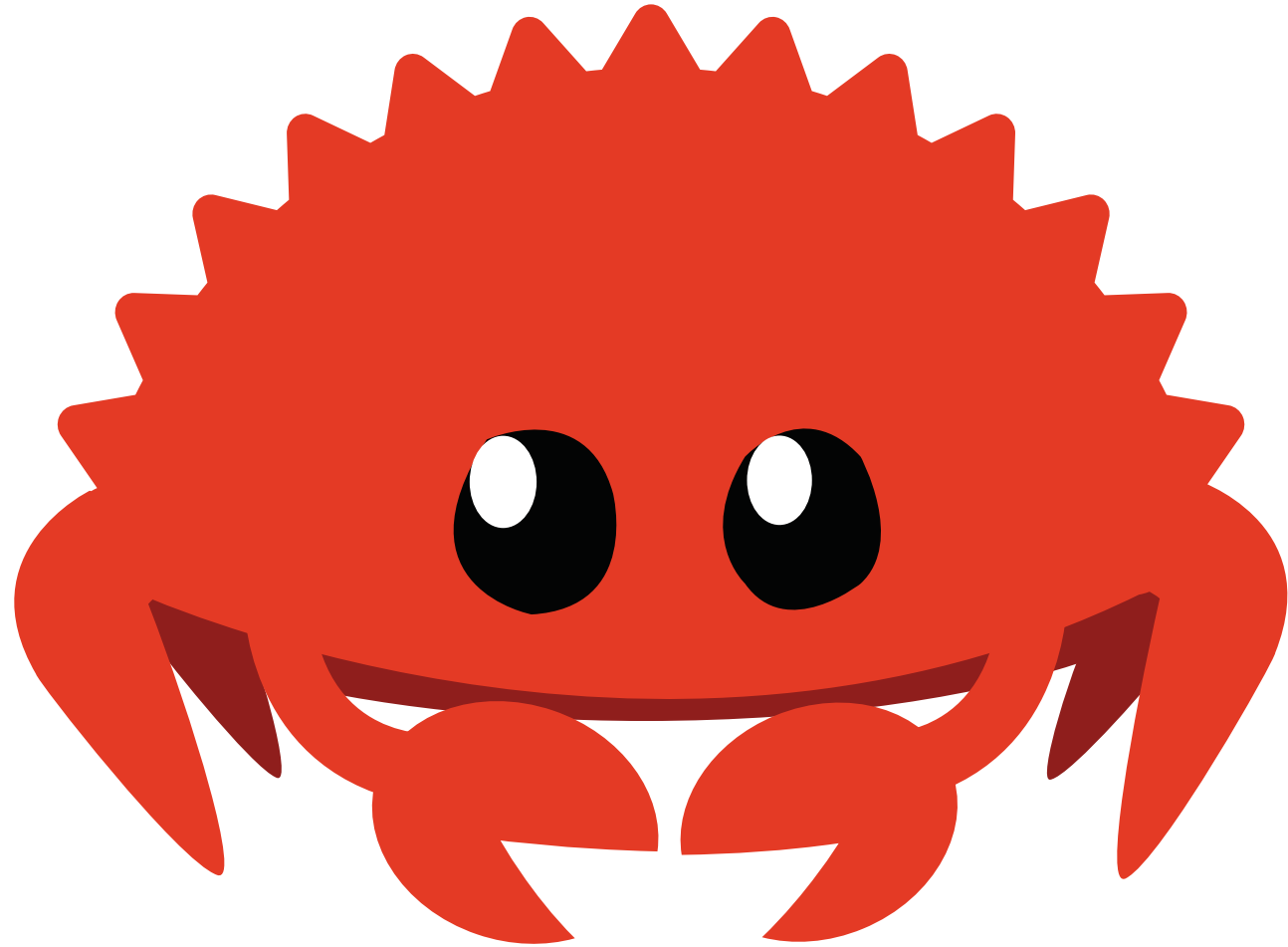
The tools 1/2

1. bat 🦇 an alternative to `cat` , with syntax highlighting and `git` integration. Shows non-printable characters

2. procs a modern replacement for `ps` : colored output, integrate filtering and paging

3. fd a simple, fast and user-friendly alternative to `find` . Smart case, colored output, `.gitignore` integration, parallel command execution

The tools 2/2

4. ripgrep a `grep` alternative specialized in code search. Fast, unicode+git aware and with replacement support

5. hyperfine a command-line benchmarking tool with many features: analysis across multiple runs, realtime feedback, warmup runs, statistical outlier detection

Bonus mention

Starship 🚀

The minimal, blazing-fast, and infinitely customizable prompt for any shell!

How they can be useful ?

- A richer and pleasant CLI experience can improve day to day productivity

- Green field for innovation: no legacy constraints, no limit to try out new ideas

- Learning from well written Rust source code

- Packaged in OpenSUSE (check out how they are packaged on OBS)

Thanks!

These slides are Open Source and live in a github repository, feel free to improve them 💚

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