Soc Virnyl Estela

✉ contact@uncomfyhalomacro.pl 🔗 https://uncomfyhalomacro.pl ⌨ uncomfyhalomacro in socvirnylestela

I am aiming to become a software engineer in order to actively contribute to the open source ecosystem. My interests are distributing systems, software management and maintenance, software architecture and systems administration.

Open Source Experience

Packaging

openSUSE

📅 Jul 2022 — Present   🦎 openSUSE

I am a maintainer for various openSUSE packages for Zig, Julia, Juliaup, Wezterm, Zola, Zellij, Helix and 20+ more packages.
- Familiarity with using *osc*.
- Learned RPM with the mentorship of *William Brown* from SUSE.

Rust Rewrite of OBS Service Cargo Vendor

openSUSE

📅 Aug 2023 — Present   ⌨ GitHub

OBS Service Cargo Vendor vendors all crates and dependencies for Rust projects locally, used for packaging Rust software in openSUSE.
- Spearheaded the rewrite from Python into *Rust*, enabling better error handling and improving performance.
- The rewrite is now used as the primary tool for 300+ Rust packages in openSUSE.

References

- William Brown, Security Engineer @ SUSE, known as *firstyear* on GitHub.
- Angelo Fallaria, a passionate Golang software engineer, known as *angelofallars* on GitHub.

Education

Higher

Mindanao State University - Iligan Institute of Technology

📅 Aug 2018 - Jul 2022   📍 Mindanao, Philippines

Cum Laude. B.Sc. in Biology, Major in Microbiology, S.Y. 2018-2022.

Interests

- Fingerstyle guitar
- Using and contributing back to open source software
- I also sometimes write posts on my website
- Wayland. I love to contribute to its ecosystem one day.
- I also sometimes read novels

Personal Projects

Hyperskill

📅 Jun 2020 — Jan 2021   ⌨ GitHub

A repo of all my old Python puzzle solutions, and projects during *JetBrains* and *Hyperskill*'s open beta test for their code learning platform. This allowed me to learn Python libraries such as *Django*, *SQLAlchemy* and of course, some of Python's standard libraries such as argparse and itertools.

Rypper

📅 Jul 2022 — Present   ⛰ Codeberg

An alternative package manager for openSUSE written in Rust. Currently, it is able to read repometadata files in XML format, and repoconfig files in INI format. This is checked through several unit tests for validity or invalidity. However, the project is paused in hopes to contribute first to *rpmrepo_metadata* and *rpm-rs*.

qoi.cr

📅 Jul 2023   ⌨ GitHub

Built a *Crystal* library that provides an implementation of the *Quite OK Image Format*. The project's intention is for me to explore Crystal. The library contains the necessary constructs but still lacks the methods for decoding and encoding.

Hare bindings for Libnotify

📅 Nov 2022   ◯ SourceHut

Experimented with *Harelang* bindings and libnotify. The project is now considered ready for usage as it contains a clone also for the `notify-send` tool.

Otap

📅 July 2023   ⛰ Codeberg

A client library written in Rust for *OpenBuildService*. Currently a work in progress.

Technologies

Languages: Rust, Julia, Python, Bash, HTML, CSS

Tools: Git, SSH, Linux, RPM, Podman, Docker, Vim, Neovim, Kakoune, Typst