

RootAsRole project, an alternative to sudo(-rs)



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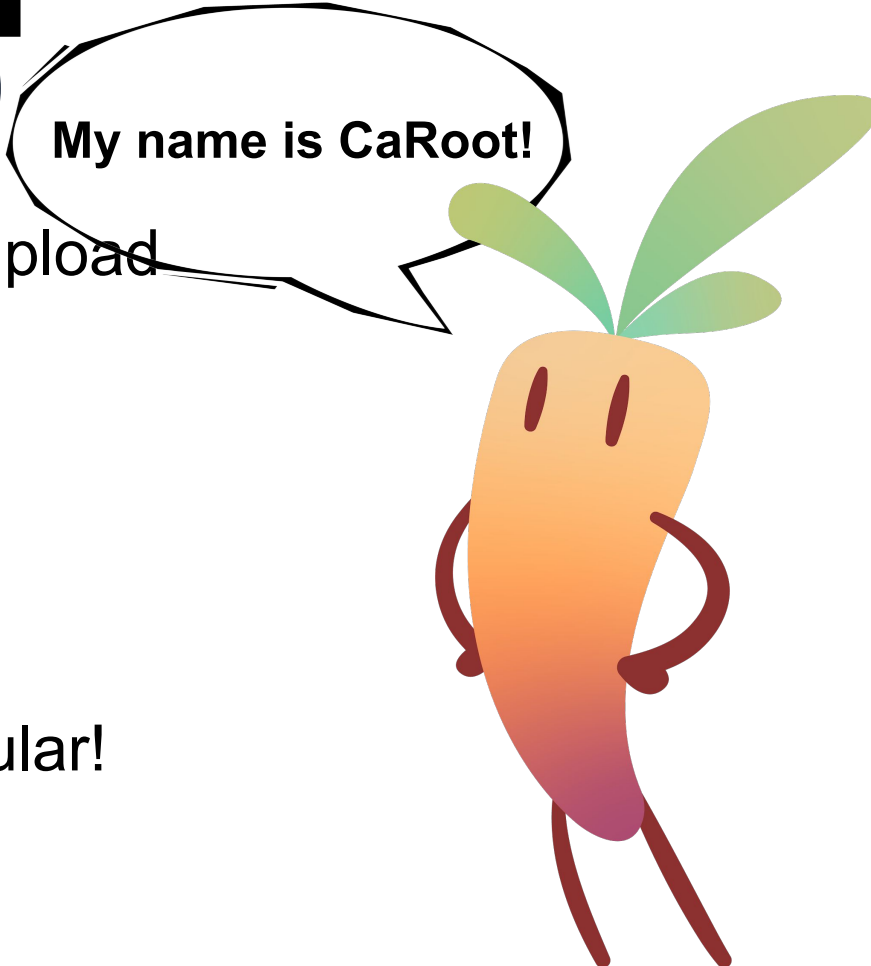
Eva La Fougere



THE BORING RUMP

What is new and coming in 4.0

- Packaged for Debian in 2025, waiting for sponsor upload
- GdR Accessit Artefact PhD Reward :
 - <https://github.com/LeChatP/RootAsAnsible>
- Updating to Rust 2024 Edition! Finally!
- Enforcing Pedantic Clippy Rust
- New Crate! “rootasrole-exec”
 - Implements the sudo-rs architecture... but modular!
 - Manages Monitoring process ‘Proxy’ feature
 - Pty, Terminal, signals managed!
 - Orchestrating preexec steps : sid → namespace → pty → filesystem → limits → umask → priv_drop → caps → fd_cleanup → signals → lockdown.



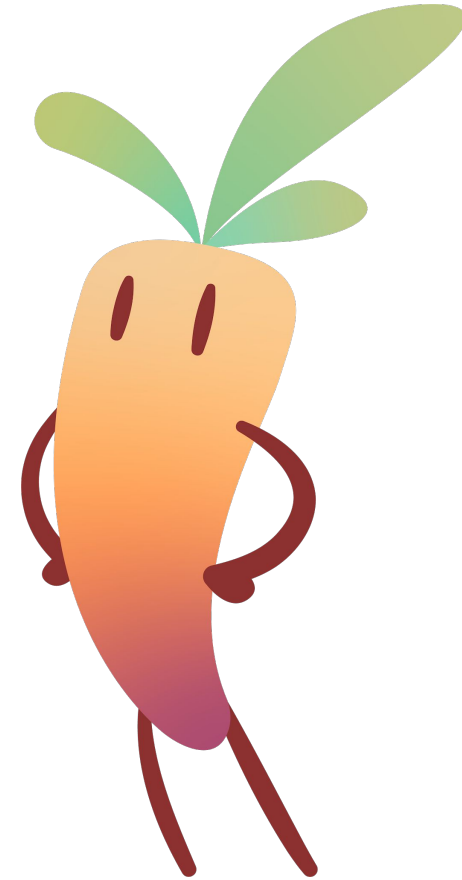
My name is CaRoot!

Choose what you want!

THE BORING RUMP

What is new and coming in 4.0

- “Secured” policy editor with vim or nano
- Folder based policy reading (/etc/security/rootasrole.d/)
- Umask is now in the policy...
- Stabilizing the “Rusty” compilation/installation process
- Landlock policy management!
- Added an AI letter on usage history, and policy for more transparency
- Started the review of the **528939** lines with cargo vet tool...



THE BORING RUMP

What is new and coming 4.0

- ⚡ **77% faster** than sudo when using a single rule
- 📈 **Scales 40% better** than sudo as more rules are added

You can be as fast
as me!!
Believe in your
dreams!

