

Linux Plumbers Conference 2024



Contribution ID: 137

Type: **not specified**

‘hrtimer’ Rust Abstractions

Wednesday 18 September 2024 12:00 (30 minutes)

In this talk we present our efforts on implementing a safe Rust API for the hrtimer subsystem. The API is used for timer based completions in the Rust null block driver.

We discuss application of the “intrusive pattern” first applied in the workqueue Rust abstractions, and other challenges in defining an ergonomic and safe API.

Primary author: Mr HINDBORG, Andreas (Samsung)

Presenter: Mr HINDBORG, Andreas (Samsung)

Session Classification: Rust MC

Track Classification: Rust MC