Agenda

Quick introduction & status
Environment setup from fresh install
Conclusion
Rust for Linux

Goal: make Rust a first-class language for Linux kernel development

Trimmed down patch series planned to be merged in 6.1
Past sessions

Rust for Linux: Writing Safe Abstractions & Drivers
Rust for Linux: Code Documentation & Tests
Writing Linux Kernel Modules in Rust
Plan for today

Start from a fresh Ubuntu installation
Fetch source code
Install tools and libraries
Build everything
Boot with qemu
Attach gdb
Setting up the Environment
Coming up

Session on

Writing async Rust code in the kernel
Thank you for joining us today!

We hope it will be helpful in your journey to learning more about effective and productive participation in open source projects. We will leave you with a few additional resources for your continued learning:

- The LF Mentoring Program is designed to help new developers with necessary skills and resources to experiment, learn and contribute effectively to open source communities.
- Outreachy remote internships program supports diversity in open source and free software.
- Linux Foundation Training offers a wide range of free courses, webinars, tutorials and publications to help you explore the open source technology landscape.
- Linux Foundation Events also provide educational content across a range of skill levels and topics, as well as the chance to meet others in the community, to collaborate, exchange ideas, expand job opportunities and more. You can find all events at events.linuxfoundation.org.