

Building a mobile TUI environment

- **Speaker:** nc krantz-abfajer
- **Room:** 250
- **Time:** Saturday, [Oct 24th 2:30 - 2:50pm](#)
- **Format:** Talk (20 minutes)
- **Difficulty:** Intermediate
- **Track:** Technical
- **Additional Tags:** TUI, NixOS, Mobile Linux, Huckleberry, Shell Design
- **Experience:** University of Washington graduate and lifelong (GNU/Linux) user.

Description:

What would a Linux text interface designed for mobile devices look like? This session introduces Huckleberry, a Nix-based distribution featuring a TUI shell intended for small laptops and handheld devices with keyboards. The speaker will walk through the development process—from searching for existing console software to building a bespoke menu-based mobile shell—and discuss the iterative design process of integrating these components into a portable Nix configuration based on early user feedback and real-world testing.

Target Audience:

- NixOS users and enthusiasts
- Mobile Linux and handheld device users
- Developers interested in TUI and shell design

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