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.

Project URL: https://codeberg.org/pinecone460/huckleberry

Target Audience:

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

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