Ubuntu Touch, continued
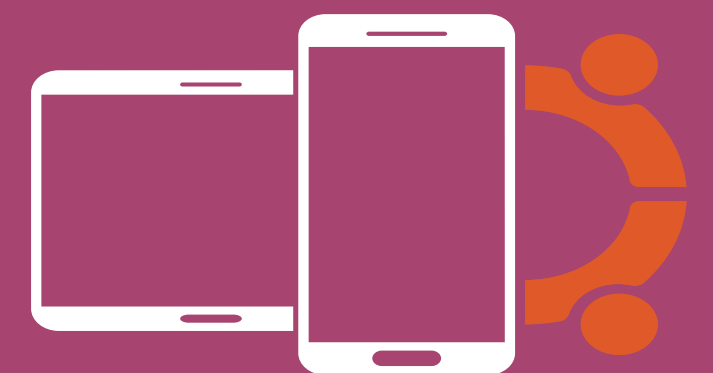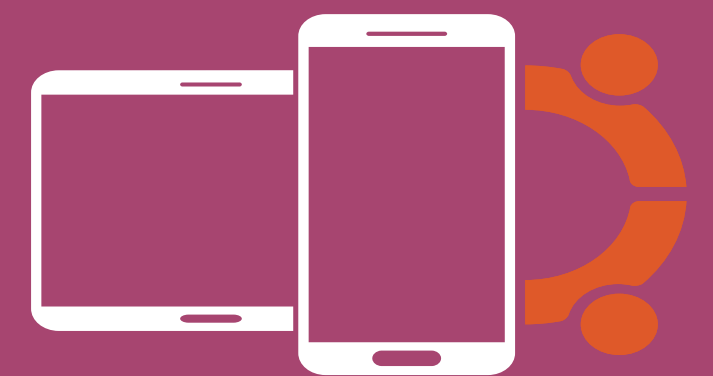
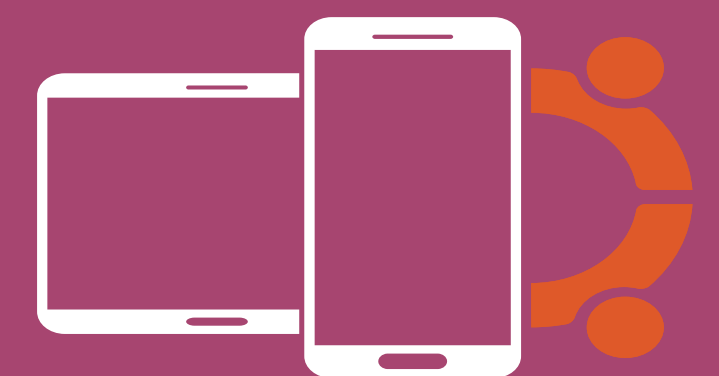## 20.04 and beyond

Alfred Neumayer, 2023

Agenda

- History

- Transition to 20.04

- What's next?

- Apps & tools

- Help us!

History

- 2013
  - Ubuntu Touch announcement
    - One platform for Smartphone, Tablet & Desktop
- 2016
  - 5 devices released
- 2017
  - Canonical ends Investment in Ubuntu Touch
  - UBports Community takes over development
- 2019
  - UBports Stiftung officially founded

History

- 2019 until today

  - New Operating System base

    - 15.04 -> 16.04 -> 20.04

  - New devices

    - Community projects

    - Hallo Welt Systeme as a Partner

  - New features

    - NFC

    - Preinstalled QR Code Reader

    - Hardware-accelerated Videos in the Browser

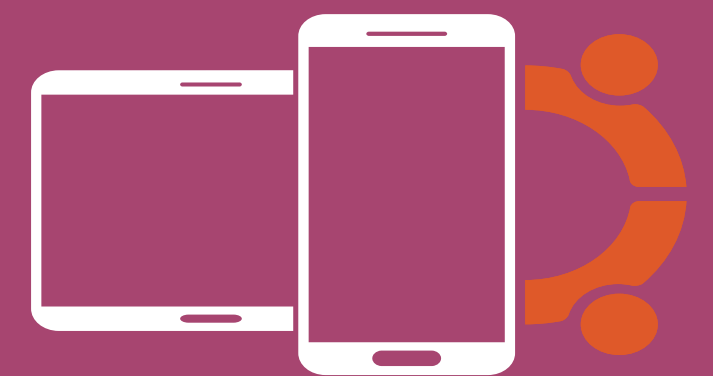   - Camera in the browser

    - And much more!

Transition to 20.04

- It's been a long road...

  - Integration of Android-typical device drivers

  - Wayland

  - Sensors

  - USB

  - Desktop mode
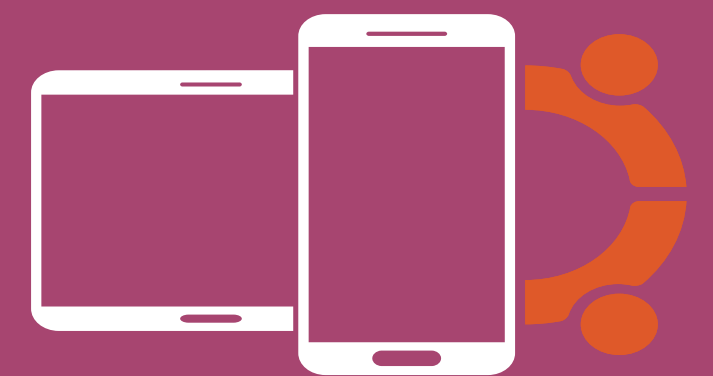
Transition to 20.04

- It's been a long road...
    - systemd

Transition to 20.04
systemd

systemd Utilities
systemctl journalctl notify analyze cgls cgtop loginctl nspawn

systemd Daemons
systemd

journald networkd

loginduser session

systemd Targets
bootmode basic

multi-user
dbus telephony

graphical
user-sesssion

user-session
display service

shutdown reboot
dlog logind

tizen service

systemd Core
manager

unit
service timer mount target

login
multiseat inhibit

namespace log

systemd
snapshot path socket swap

session pam

cgroup dbus

systemd Libraries
dbus-1 libpam libcap libcryptsetup tcpwrapper libaudit libnotify
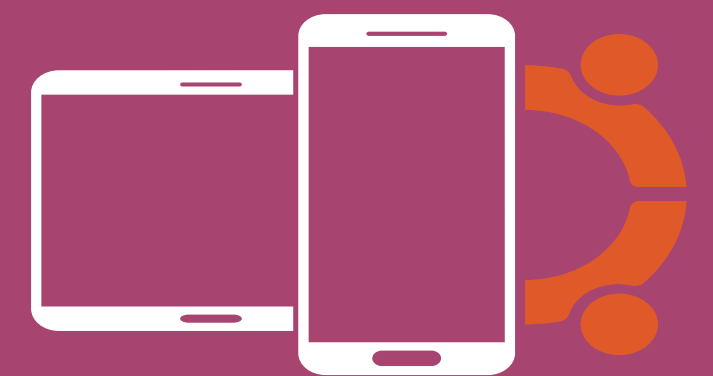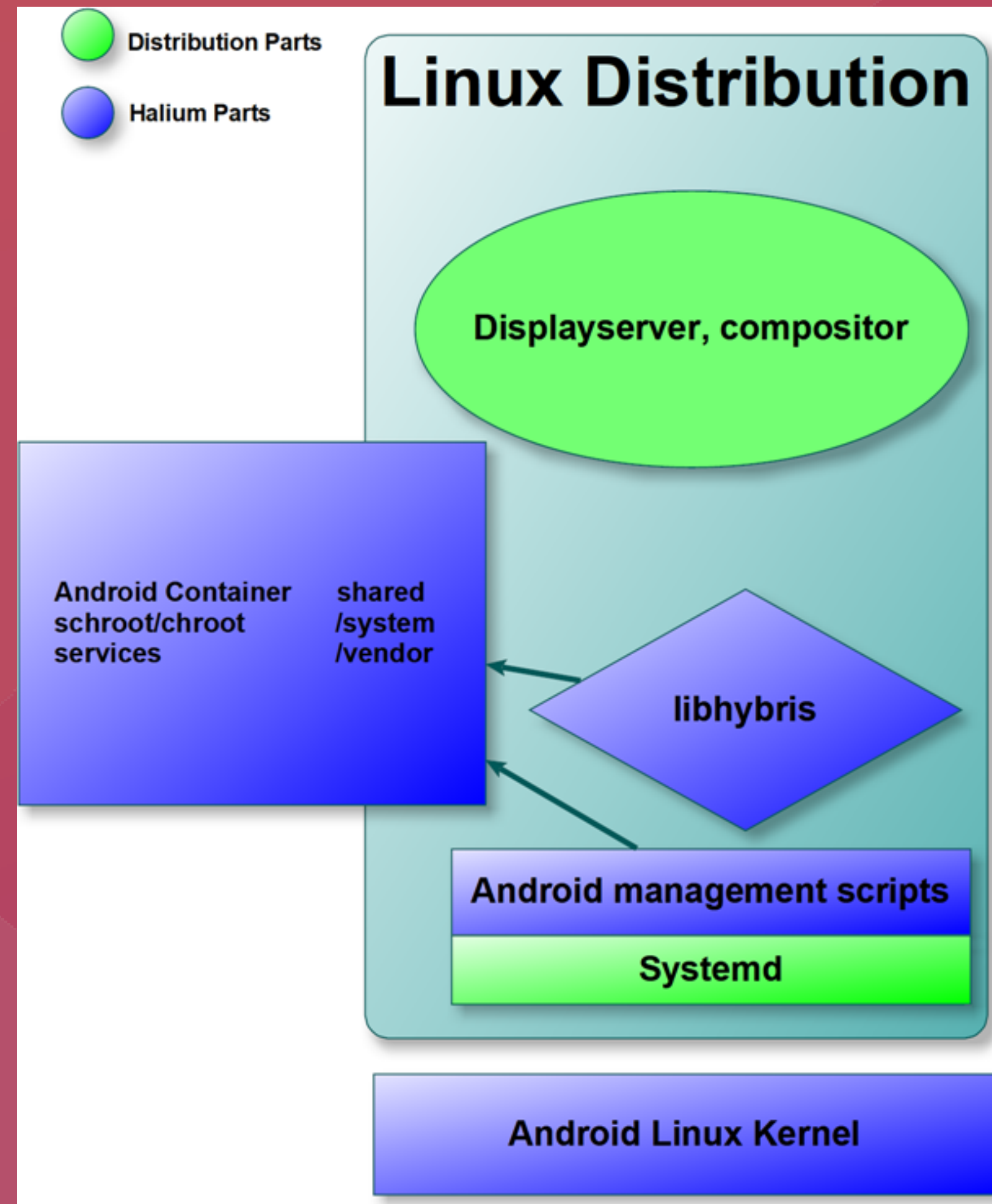
Linux Kernel cgroups autofs kdbus

Transition to 20.04

- ... a very long road ...
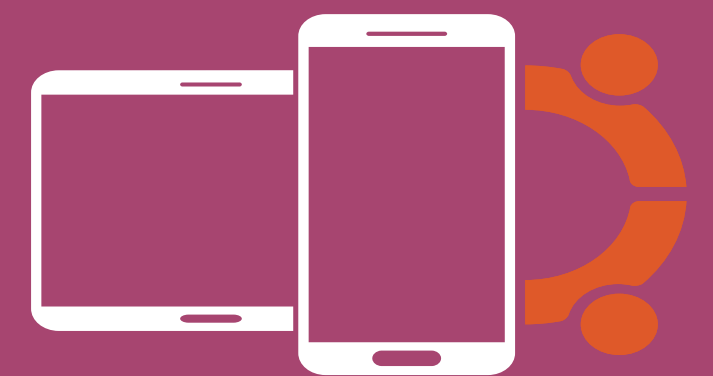 - Integration of Android-typical device drivers

Transition to 20.04
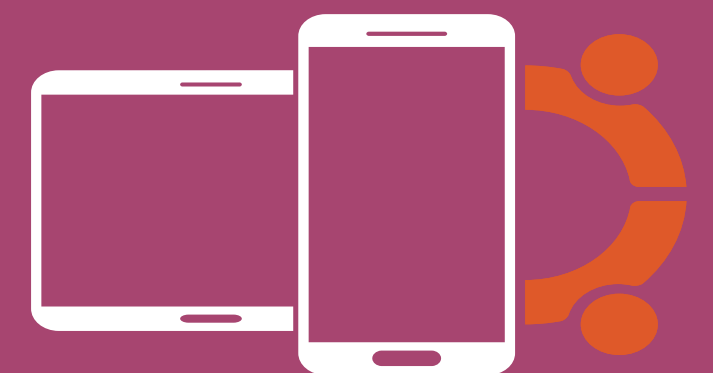## Integration of Android-typical device drivers

Transition to 20.04

- ... yup, very long ...
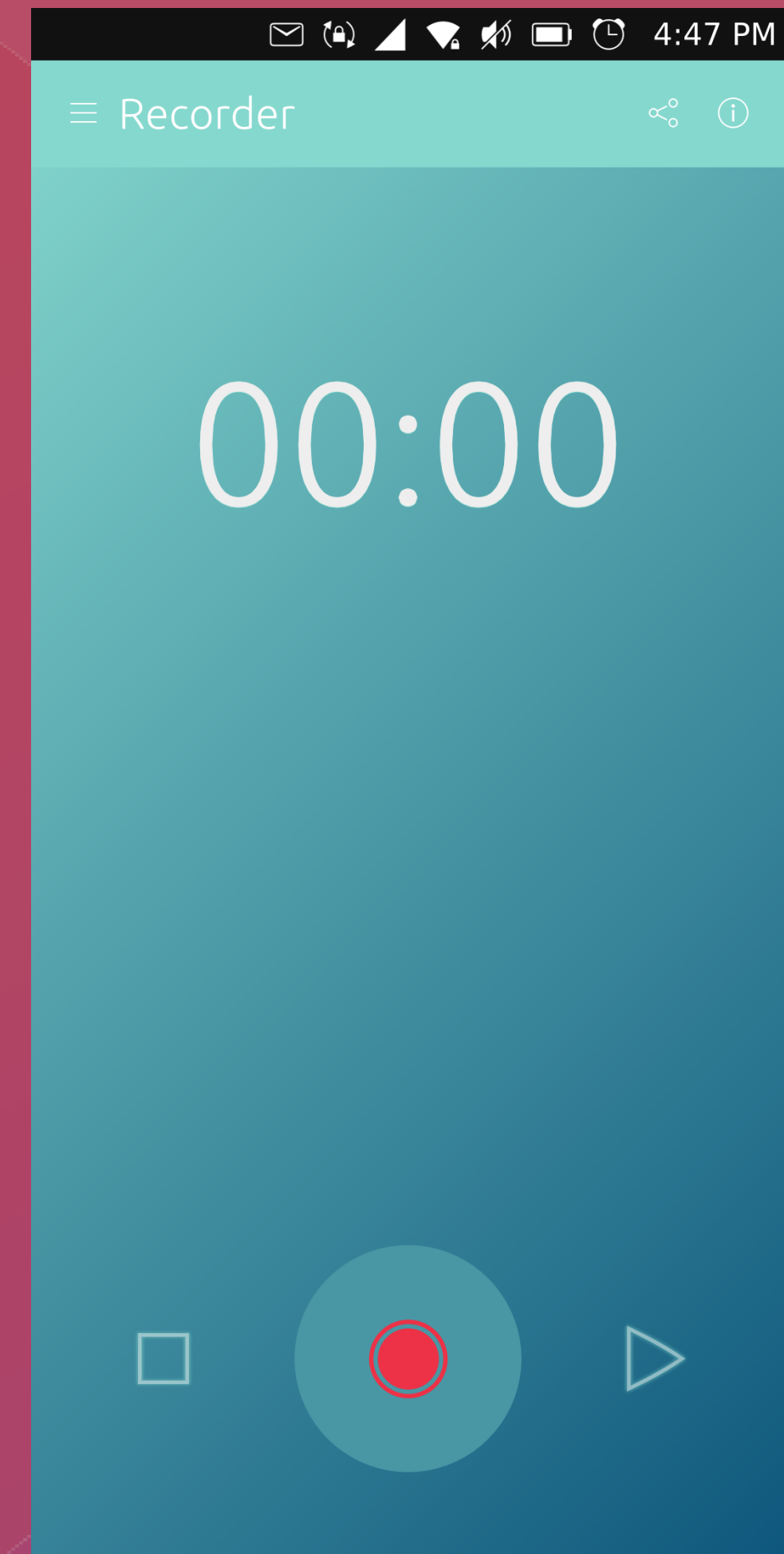 - Wayland
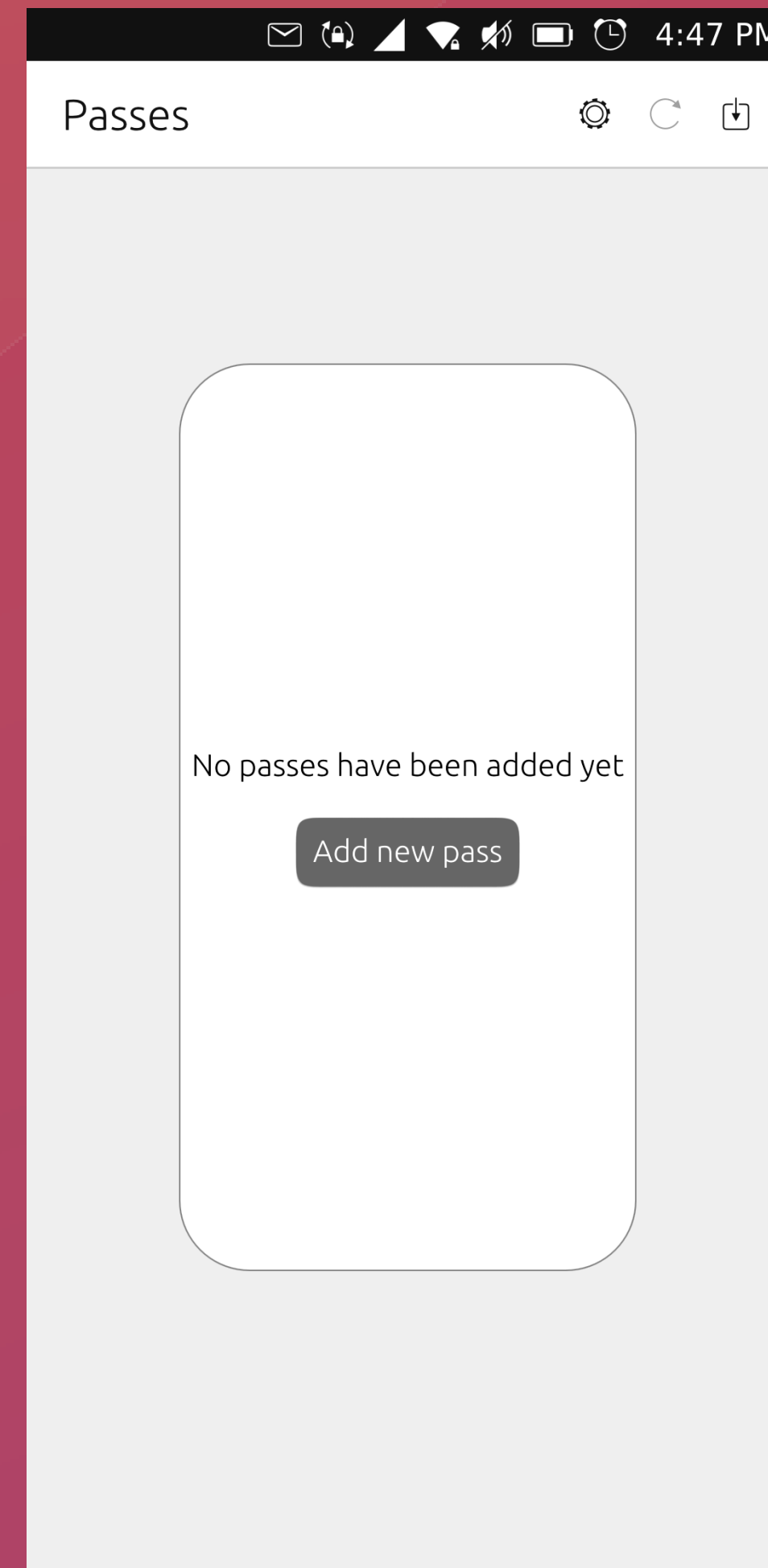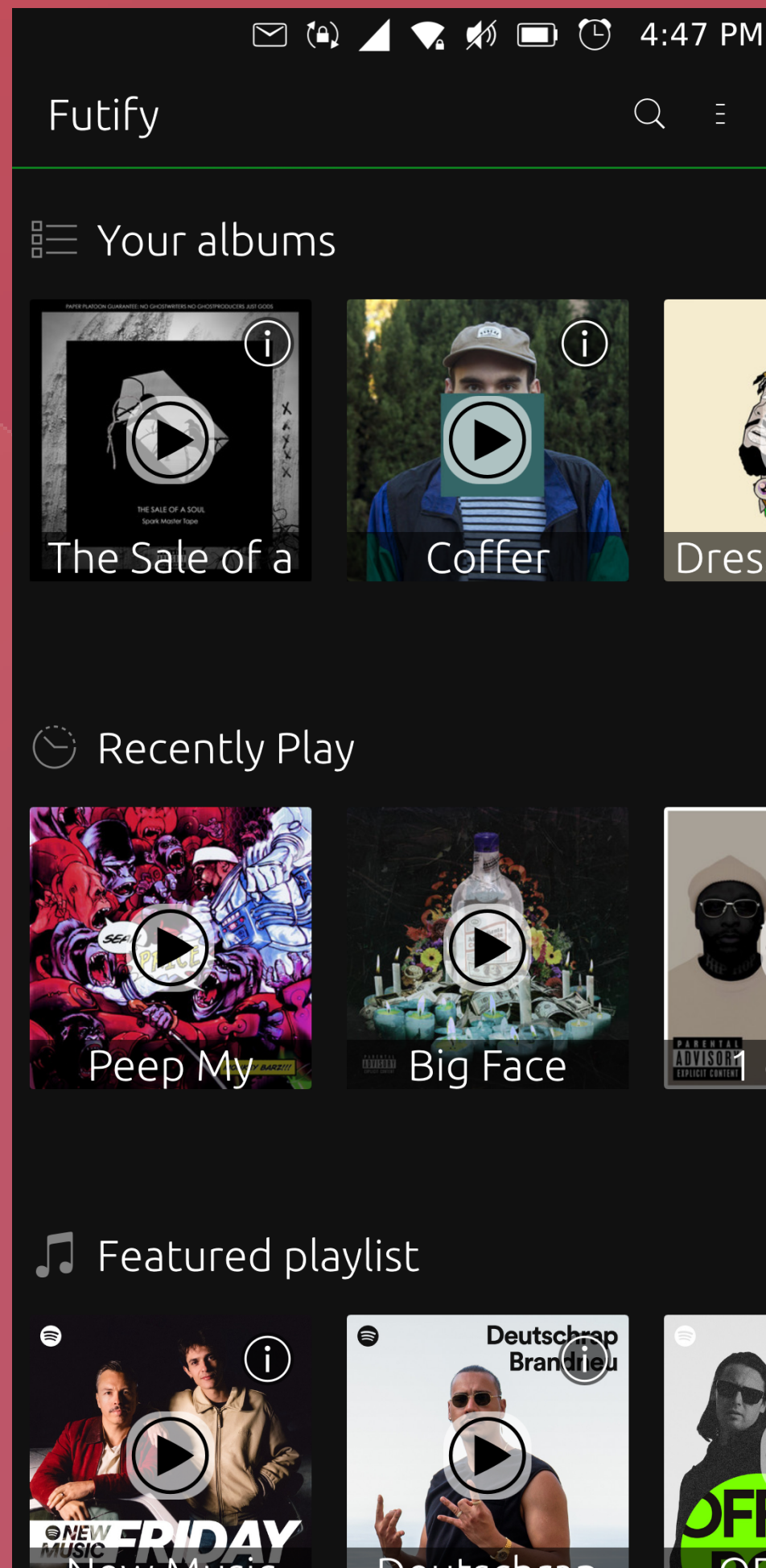 - Sensors
  - USB
  - Desktop mode
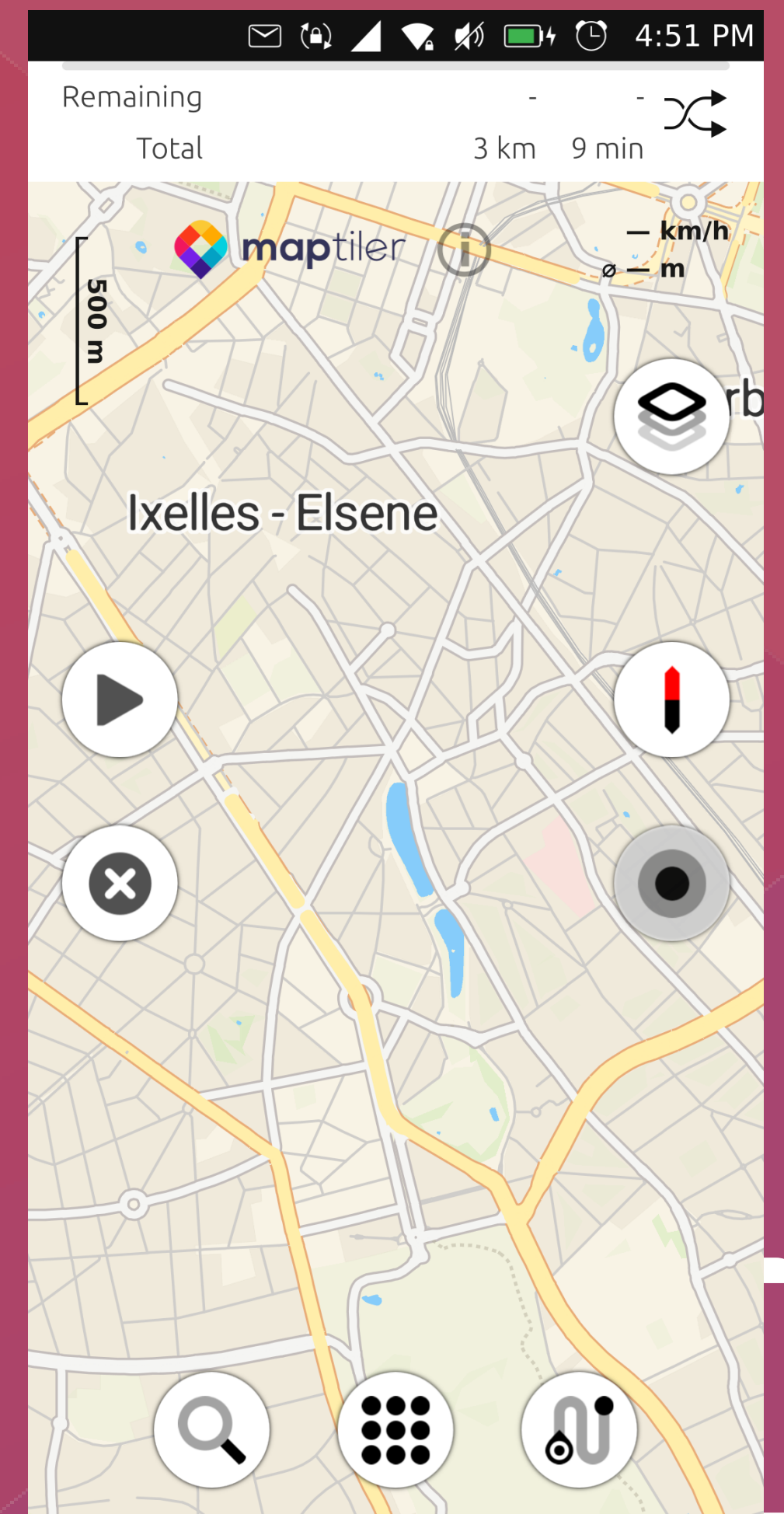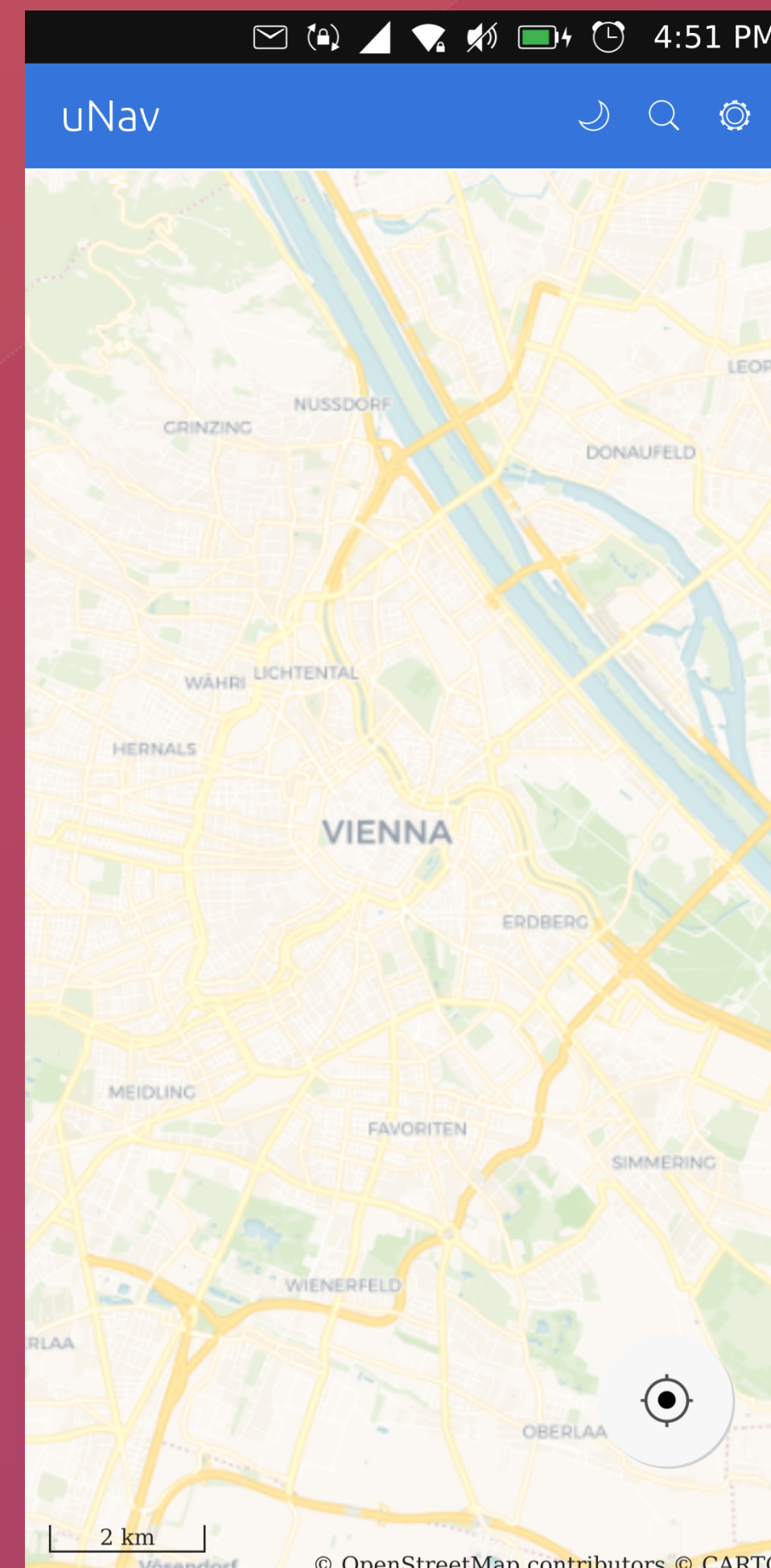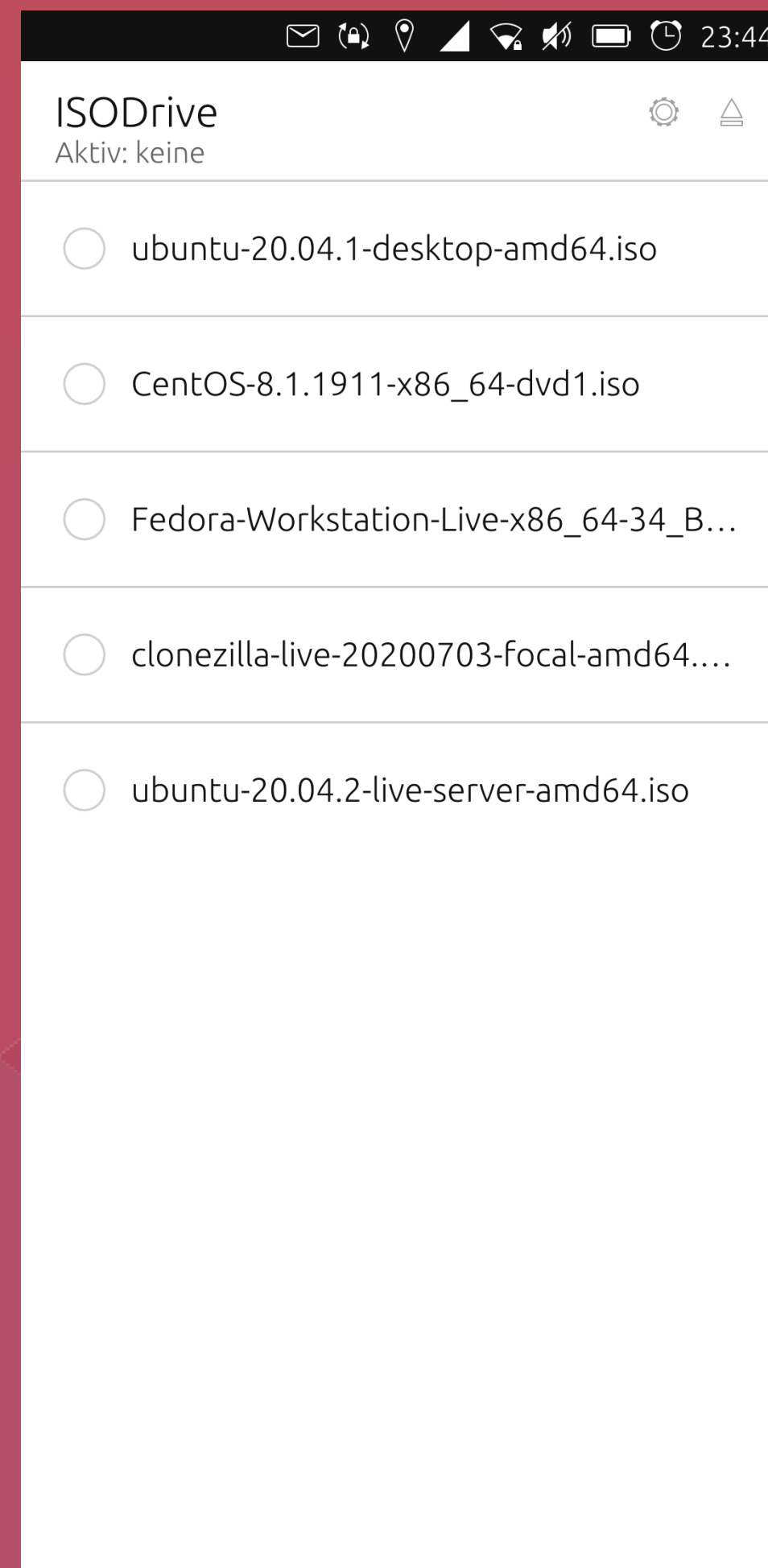
What's next?

- ... and we'll stay for a while.

  - Consumer-grade new changes

  - Complete the transition to Wayland

  - Apps with more background functionality

    - Complete control in the hands of the user

  - Encryption of user data

    - fscrypt

  - And many more!
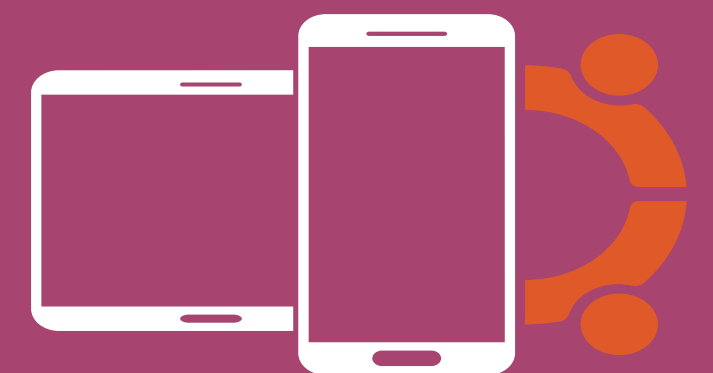
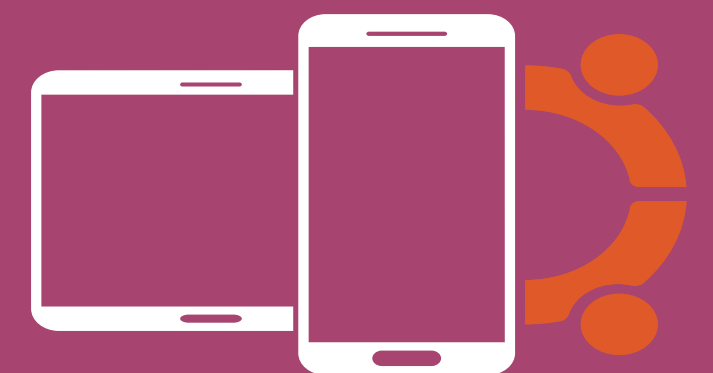# Apps & tools
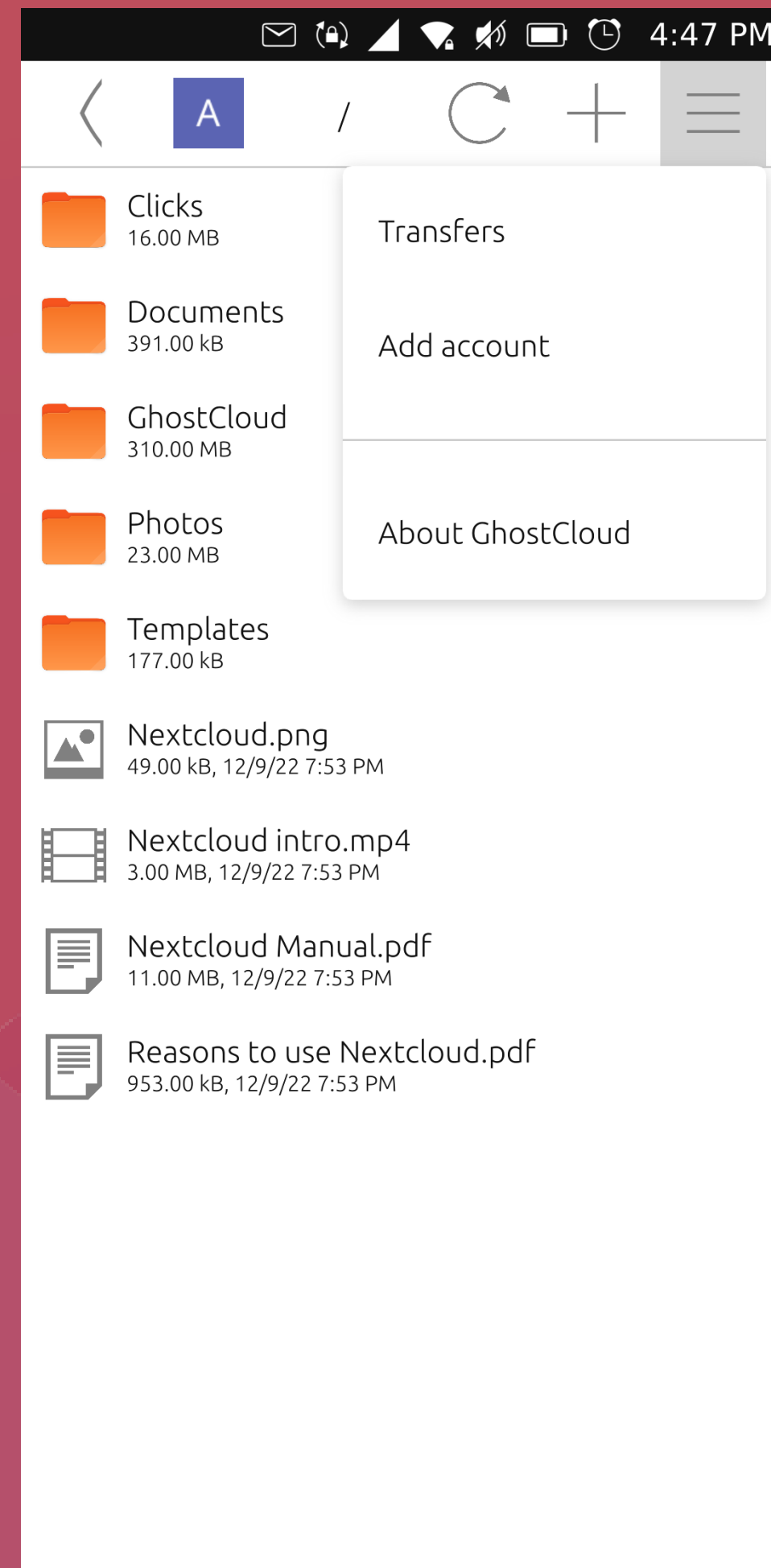
Apps & tools

Apps & tools

- Jitsi Video

- File synchronization

- Matrix clients

- Time tracking

- Games

- Developer tools

- Wine

- Virtual machines

- And many more!

Apps & tools

- Waydroid

    - Supports Android apps on Ubuntu Touch

    - Further development by the community

    - **Not** supported by the UBports Foundation

    - Supported by the Waydroid community

    - We're friends though :)

Help us!

- https://ubuntu-touch.io/

- https://ubports.com/

- https://gitlab.com/ubports

- https://twitter.com/ubports

- https://mastodon.social/@ubports