

Mobile Linux. 2022. What now?

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Outline

- History
- Ideology
- Technology (primarily GTK-focused)
- Community

History

- Hey, it works!: Siemens SX1 with Qtopia (QT)
- Are we going to live in a bright future?:
Android 0.9 on HTC Dream
- Experiment which went well: Linux Nokia N900
- Final stage: Librem 5 and PinePhone (1)
- ... for more about history, see my older talk on InstallFest

Ideology

- Symbian and Windows Mobile (before Windows Phone):
paid with hardware | we don't care – open ecosystem
- Android: paid by use | we let you do something, but you
have to give us your data (open ecosystem)
- iOS: paid with hardware | golden cage (restricted ecosystem)
- Mobile Linux:
free (but paid support) | not regulated ecosystem

Technology (Hardware)

What we have now? (mainline)

- PinePhone PRO (in EU w/ 2yrs warranty): **14 600 CZK**
- Librem 5: **31 800 CZK** + VAT and customs
- converted Android phones: OnePlus 6, Xiaomi
PocoPhone: **2 500 – 4 000 CZK**
- FairPhone at some point (?)

Technology (Distributions)

- iOS – no brainer, it's not like you have a choice
- Android – easy, AOSP, GrapheneOS, CalyxOS
- Linux – multiple harmful choices. Big 3.

First born (in new age): **postmarketOS**

Funded and nurtured: **PureOS** → Debian → **Mobian**

Pine64 said, why not **Manjaro**.

Technology (Software)

- Phosh is moving quickly , and gnome-shell is getting ready for phones.
- GSM and 5G getting better integrated into Linux.
- Linux getting rustified, which is beneficial for phones (except storage requirements, but hey, Flatpak

Community

- ☰ Strong side of Linux.
- Multiple options, (almost) no limits.
- Diversity. Comes with some costs.

- Why am I talking to you today? Engagment.

Questions

- **Ask** about whatever you interested in!
- **Thank you for your attention!**
- Feel free to reach me and **test the OnePlus 6T** with GNOME and Phosh.
- On **Fedora booth** you can test **PinePhone**.
- Pavel Píša has **Librem 5** with him (presentation about Librem 5 at 11 AM).