

Droidian on the Volla Tablet

Eugenio Paolantonio

Volla Community Days 2025

Team

- Project started in 2020 by Erfan Abdi
- 30+ releases (“snapshots”), overlapping Debian 11, 12 and 13
- 7 devices supported as of latest Droidian 100, more (including Volla Tablet!) coming in Droidian 101
- Countless community-made and supported ports

Alexander Rutz

Cédric Bellegarde

Erfan Abdi

Erik Inkinen

Eugenio Paolantonio

Giuseppe Corti



What is Droidian?

- Mobile Linux distro focused on running Debian on common Android phones
- Originally based on Mobian
- Over time it grew up, and also contains some quality of life improvements (power saver, better Settings integration, “online” encryption, snapshot-based release model, etc...)



How does it work?

- Relying on Android graphics drivers and HALs
 - libhybris
 - gbinder
 - Halium

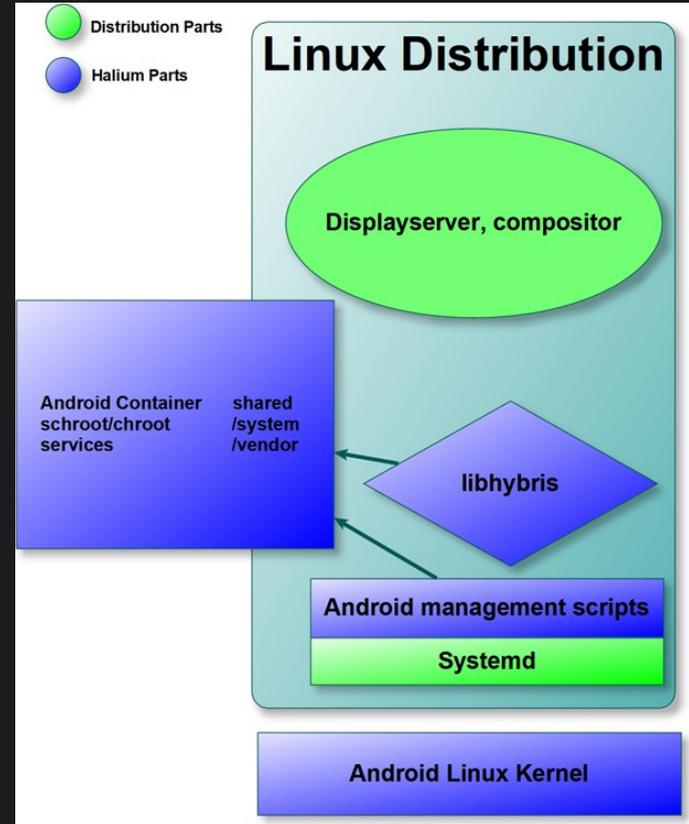
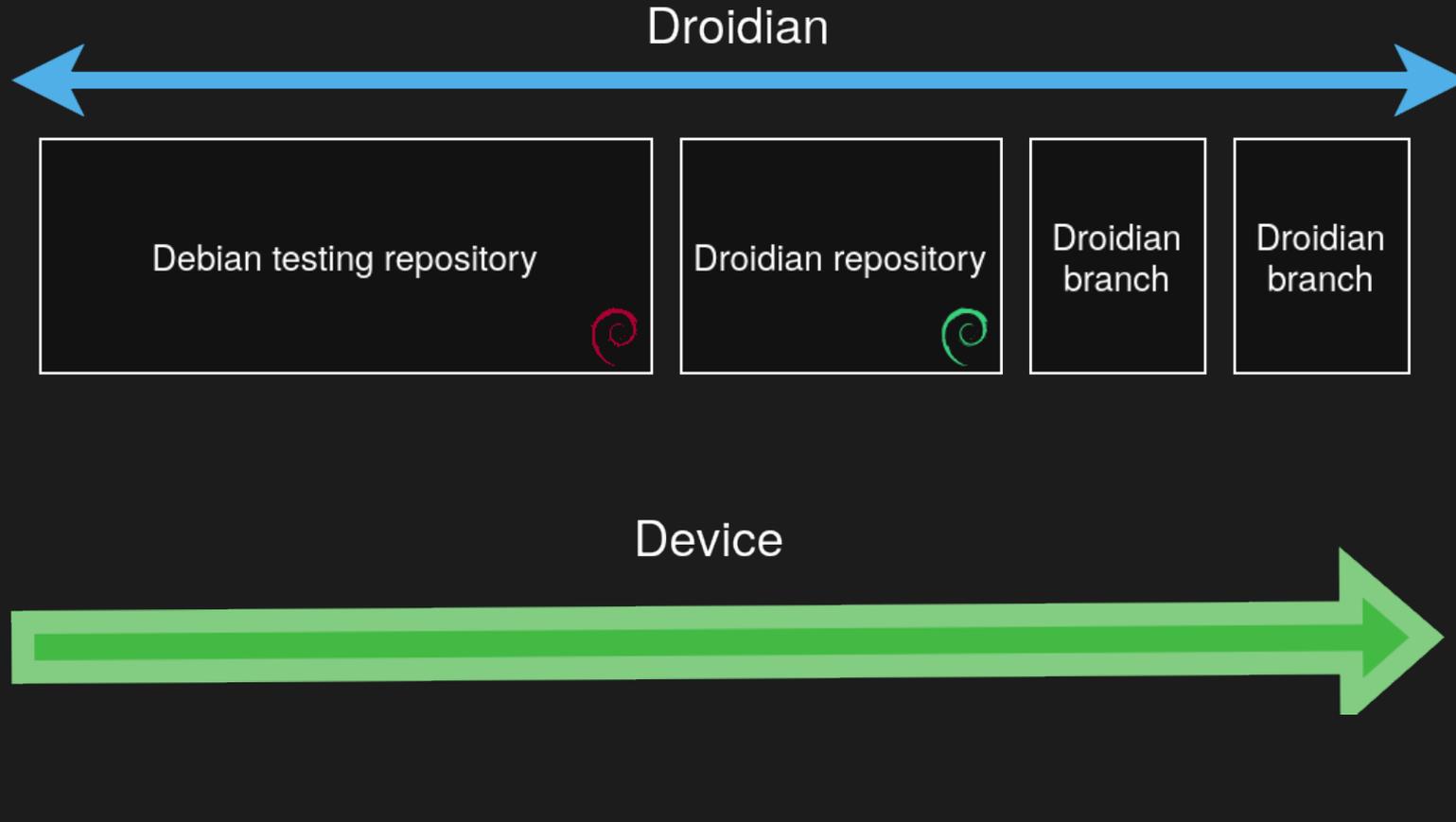


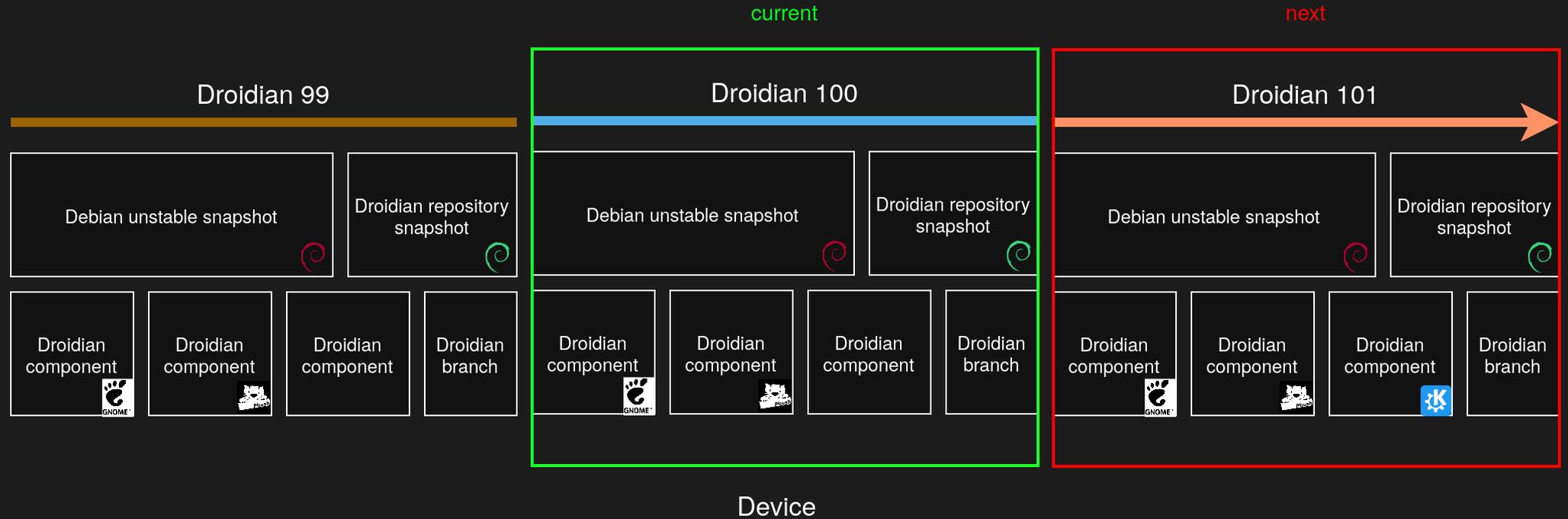
Image courtesy of halium.org



Release model (old)



Release model (new)



Droidian 101

- Taking a lot of time, but coming soon
- Based on a recent (June 2025) Debian unstable/sid snapshot
- GNOME 48
- phosh/phoc 0.47.0
- *Experimental* KDE Plasma Mobile support
- Better headphone detection
- Under-the-hood improvements in the release model allowing greater flexibility
- Countless bug fixes, likely countless bugs introduced too :)



Volla Tablet Demo

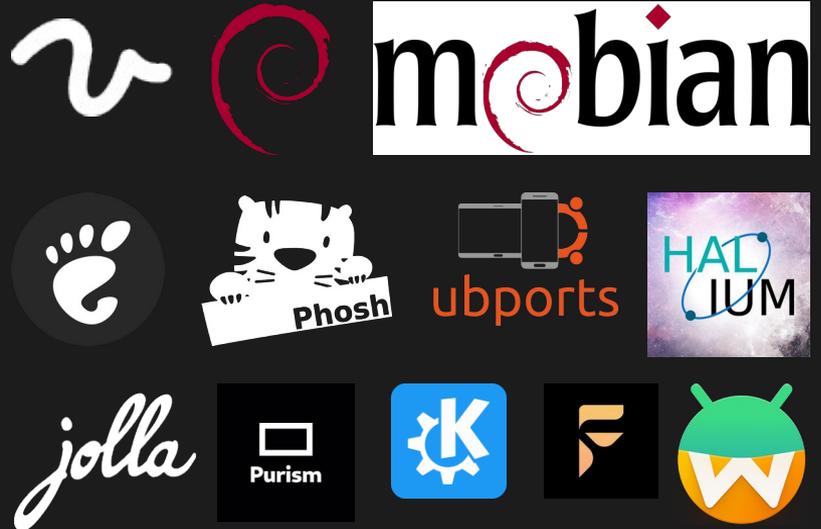
Instructions:

<https://devices.droidian.org/#/devices/mimir>



Thanks

- Droidian is not affiliated with any company or project, but builds on top of the great work in the mobile field by a lot of projects and companies, and we would like to acknowledge and thank them
- Huge thanks to the heroes that donate and keep contributing in keeping the lights on



Q&A

