

NemoMobile – modern OS for mobile



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Outline

- Devices and current status
- NemoMobile and SailfishOS, mer, and Manjaro
- Directions of the project
- Starting with NemoMobile
- Contributing

Devices

- PinePhone, PineTab
- VirtualBox / KVM
- Volla Phone
- Probably others see arm-profiles/devices
- Port it to your device



Current status

Does work

- UI, Keyboard
- Wifi
- Power button
- USB networking
- Terminal
- pacman

Doesn't work

- Phone calls / SMS / Mobile Internet
- GPS / compass
- Camera (but megapixels works)

What's different

	NemoMobile	SailfishOS
OpenSource	Fully	Partial
MultiWindow	Yes	No
Have MDM	No	Yes
Version of Qt	5.12+ (5.15)	5.6
UI Components	QtQuick.Controls.Nemo	Silica
Android Device support	halium	libhybris
Android Application support	Waydroid	Alien Dalvik
other	Flutter, XWayland, Flatpak, etc.	

Migration from Mer



- Old Qt
- Outdated components
- Many mer-specific patches in components (like ofono, qt, etc...)
- nemo patches not interesting for Jolla
- and etc...

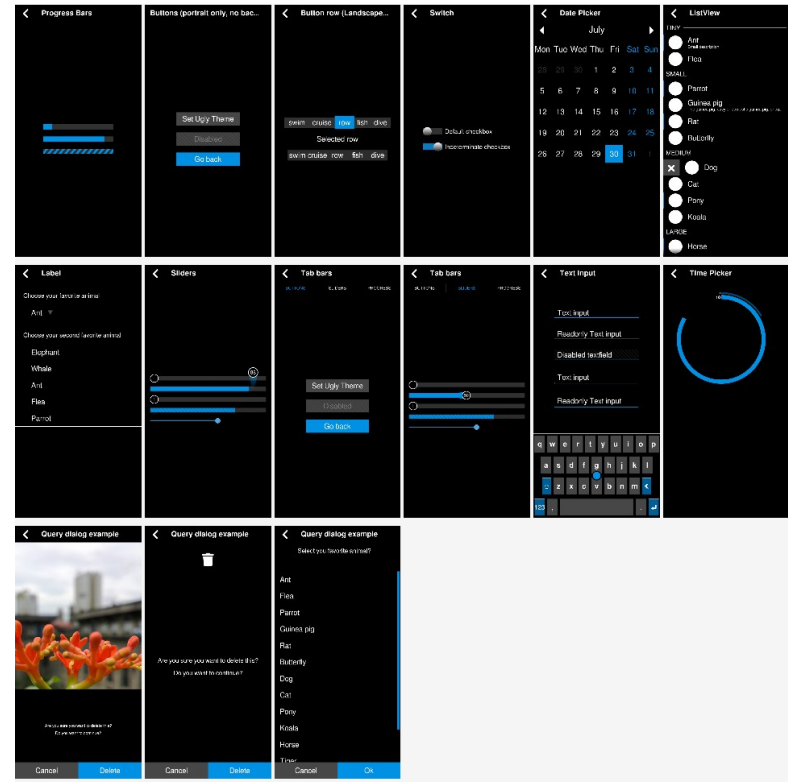
Migration to Manjaro



- Created all packages for Manjaro
- Compositor works with Qt 5.12+
- Fixed Bluez settings to work with upstream
- Fixed PIM stack to work with new Qt
- NemoMobile added to manjaro-arm-tools

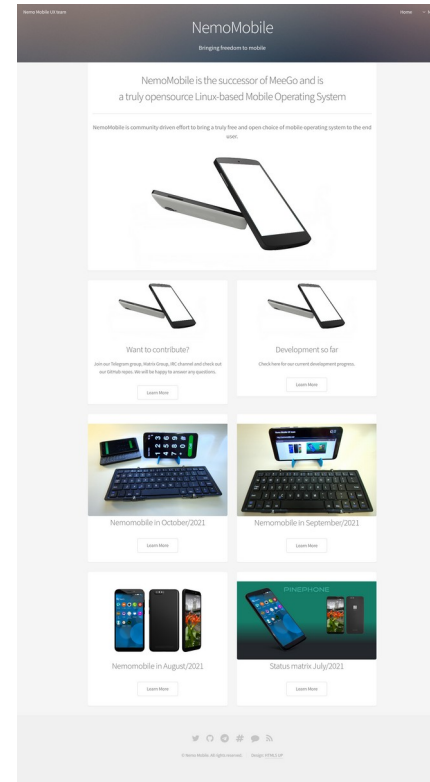
What is next

- Qt Quick Controls → 2
- QtPim → Kde framework PIM
- Return all mer specific patches to upstream
- Rich support of multi-windows and screens



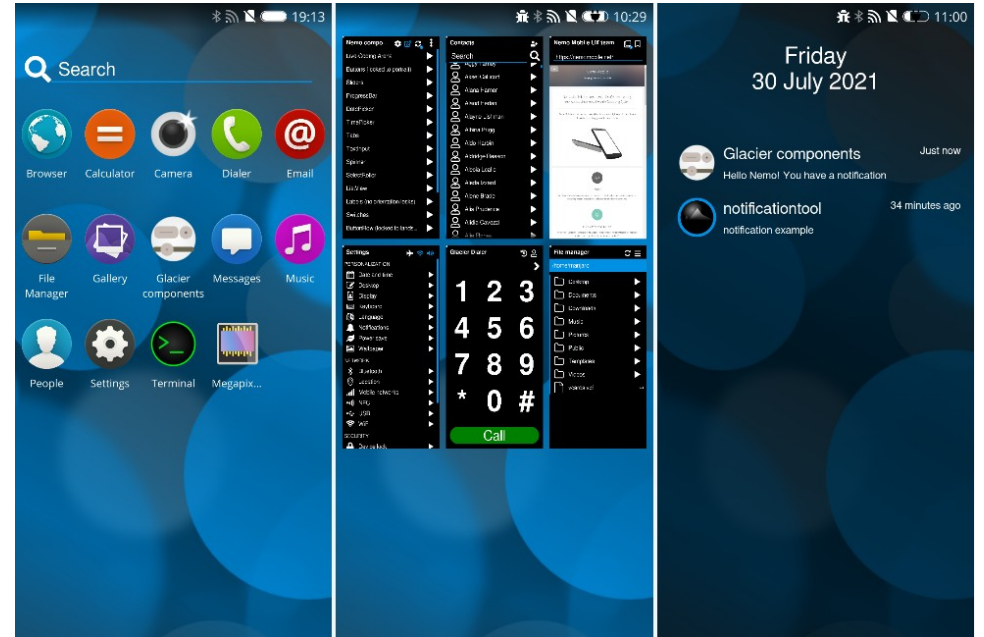
How to start with?

- Installation
- SDK
- Qt Quick Controls
- Lipstick / glacier-home
- Applications



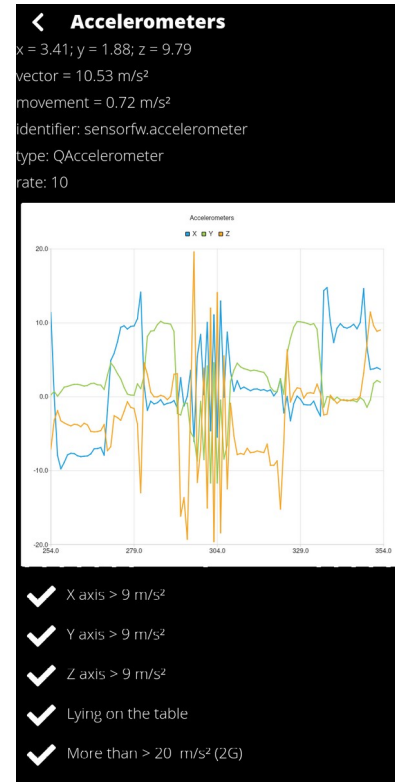
Contribute

- Documentation
- Code
- Translations
- Graphics
- Testing
- Infrastructure
- Publicity
- Donate money



Contribute with code

- “bug to start with”
- PKGBUILD +
\$ buildarmpkg
- \$ buildarmimg
+ /arm-profiles/
- /nemo-packaging repo



Questions?



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github.com/nemomobile-ux/