



Plasma Active

Freeing the Device Spectrum

“Devices are the new ocean”



Image by msr on Flickr



Are you Free enough?



Freedom Devices

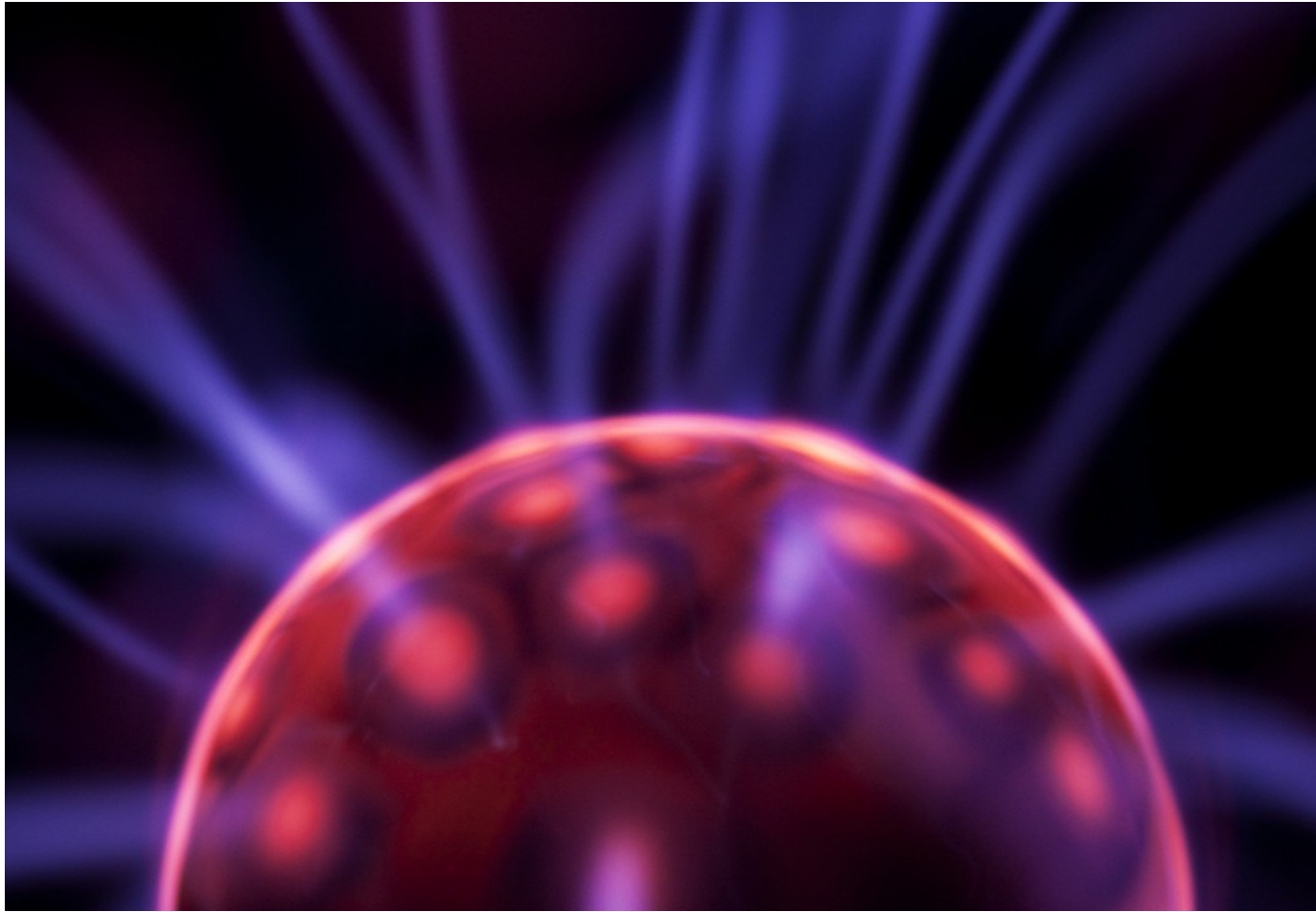


Image by ahisgett on Flickr



Freedom Devices

- User in control
- Elegant & beautiful
- No single vendor or service lock-in
- Open and hackable



Create a desirable user experience, encompassing
a spectrum of devices.





Sc discovery science



SAMSUNG

c 302

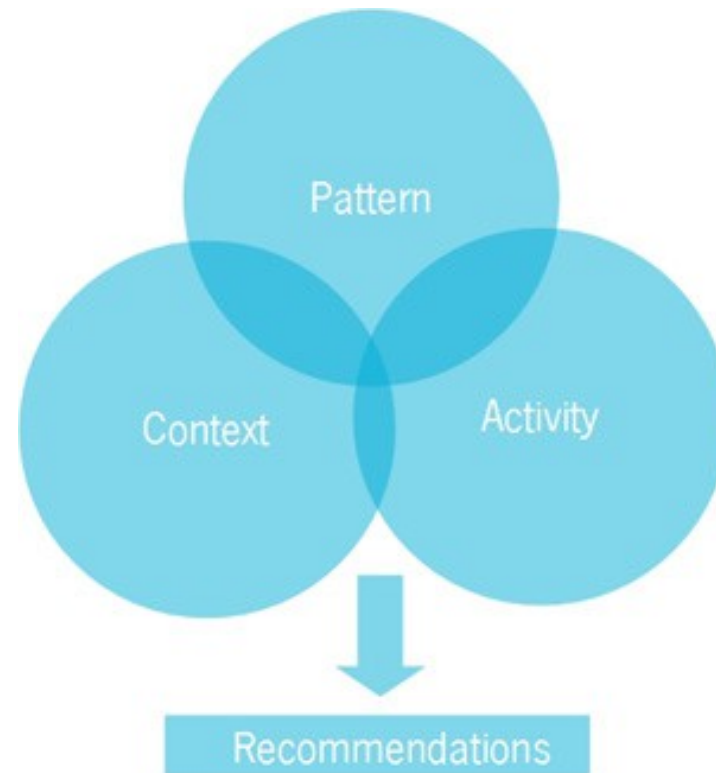
Plasma Active

- Targets a **spectrum of devices**
- **Complete** software stack
- Completely **Free** software stack
- **Open** development process
- Design – Development – Deployment – Testing
- **Elegant** and touch-friendly UI
- **Unique** features



Contour Shell

- Workspace for Plasma Active
- Activity-centric
- Adaptive to context



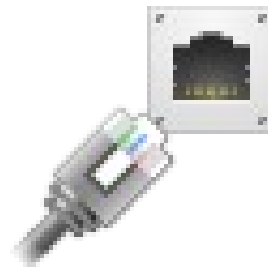
Activities

- Grouping files, Bookmarks, Contacts, Apps
- Following users' mental model
- Highly adaptive to use cases
- Privacy options



Share × Like × Connect

- Ubiquitous options
- Built around social networks
- Extendable via scripted plugins

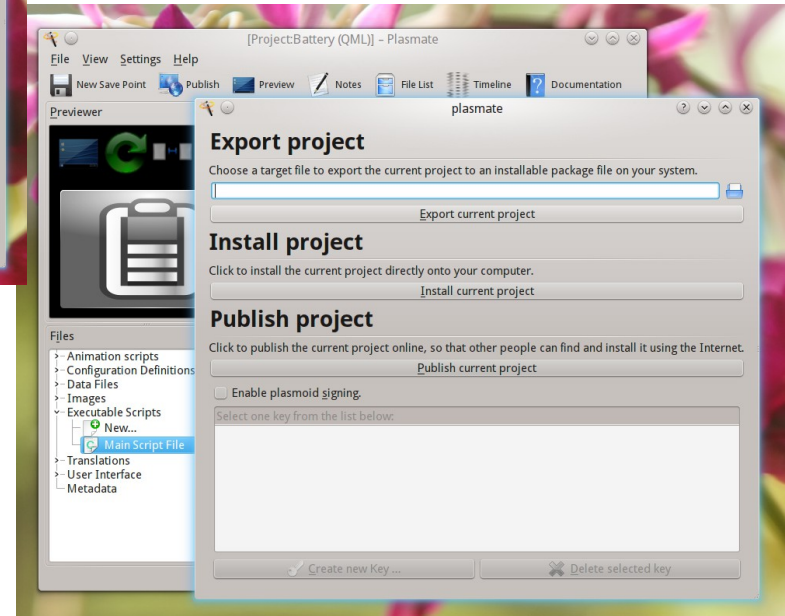
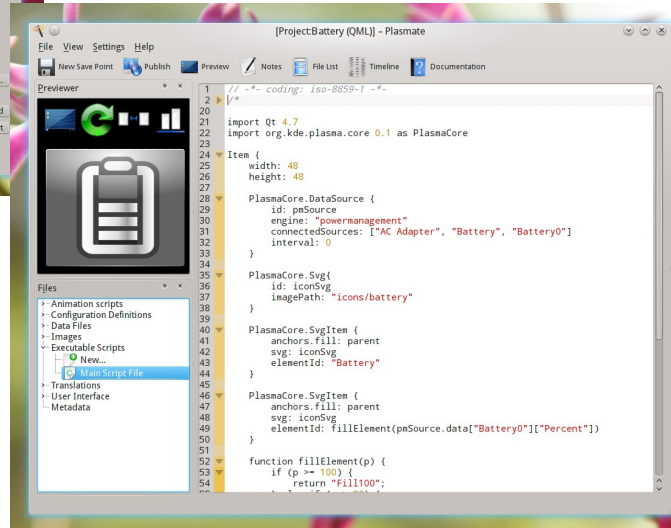
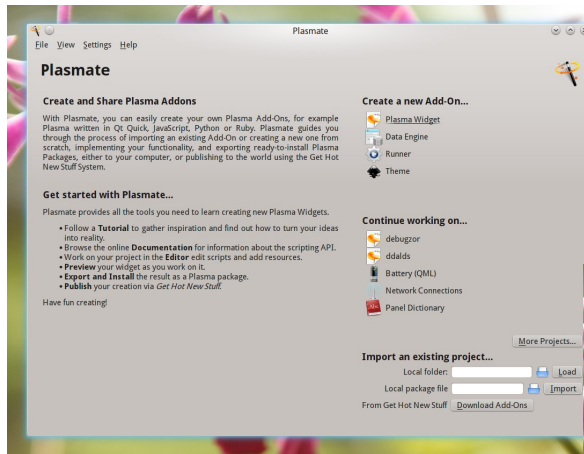


Apps

- Plasma Active Apps –
 - Official set of apps
 - Noarch code, so easy to distribute
- 3Rd Party:
 - 3rd party apps built w/ Plasma Quick
 - “traditional” applications,
 - ...



Developers



Plasma Quick



- Plasma as runtime
- Qt Quick & JavaScript
- Linux → Qt → KDE Frameworks → Plasma Quick
- Small, arch-independent packages
- Open Build Service for C++ apps



OS Integration

- Part of Active development process
- Close collaboration with Mer team
- Android kernels for certain devices



Status...

- Concepts verified
- Plasma Active One last October
- Plasma Active Two last December
- Plasma Active Three upcoming



Roadmap

- More apps
- Synchronization
- Formfactors: MediaCenter in Beta
- Performance
- Qt5 & KDE Frameworks 5



Focus

- Stability
- Performance
- Cross-device usecases
- SDK



Appeal

- Free, auditable software stack
- Support options through Make * Play * Live
- Pick hardware & Pick UX
- Vertical markets
- Multiple, independent app stores
- No App silo
- No reliance on 3rd parties



Challenges

- We're small
- Cultural divide with hardware vendors
- Values not shared



More Active online

- community.kde.org/Plasma/Active
- community.kde.org/Plasma/Active/Contour
- <http://community.open-slx.de> (deutschsprachig)
- IRC: #active on freenode.net
- Mailinglist: active@kde.org

