Creating a new Plasma product

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Who am I?

- Aleix Pol i Gonzàlez <aleixpol@kde.org>
- KDE Contributor (my 15th Akademy! 🎂)
- Employed by Blue Systems to work on KDE products
- KDE e.V. President
- Barcelona
What is Plasma?
A D.E.
An E(nvironment)
Frameworks
An Experience
A UX for a number of devices, designed by us
What is a Plasma product?
What is a Plasma product?

A UX for a *form factor* designed by us
State of the art
Do you want to create a new Plasma product?
Share Workload vs. Tight integration
What does it consist* of at a technical level?

*so far
An executable

#!/bin/sh
export PLASMA_DEFAULT_SHELL=org.kde.plasma.ink
startplasma-wayland ...
A session (for now)

i.e. /usr/share/wayland-sessions/*
[Desktop Entry]
Name=Plasma Ink
X-KDE-ServiceTypes=Plasma/Shell
X-KDE-PluginInfo-Name=org.kde.plasma.ink
X-Plasma-FallbackPackage=org.kde.plasma.desktop
[plasmarc][Theme]
name=ebreeze

[KSplash]
Theme=org.kde.nonspinning.Breeze

[plasmashellrc][Shell]
ShellPackage=org.kde.plasma.ink

[Wallpaper]
Color=255,255,255
There is Plasma Nano
What does it consist on at a less technical level?
A User Story
A supported hardware vendor
You will need promotion and marketing* at large

* See my talk last year
Apps & Frameworks

- A way to get apps from 3rd parties
- A way for 3rd parties to reach users
Attention!
Microforks
Microforks
Always* Work Upstream

* when it makes sense
Do not fork*

* See last slide
Room for improvement
Be careful with ARM
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