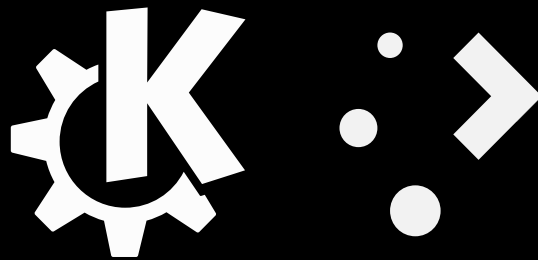


Creating a new Plasma product



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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
```

defaults

```
[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**

A (number of) Distro(s)

Apps & Frameworks

- A way to get apps from 3rd parties
- A way for 3rd parties to reach users

Attention!



Microforks

~~Micro~~forks

Always* Work Upstream

*** when it makes sense**

Do not fork*

*** See last slide**

Room for improvement

Be careful with ARM



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