

KDE on FreeBSD

Adriaan de Groot February 2nd, 2020

KDE is a Community

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- Makes KDE Frameworks
- .. and KDE Plasma
- .. and KDE Applications

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There is **no** KDE5 .. except **x11/kde5**

KDE runs everywhere

- Linux on the desktop
- Linux on laptops
- Linux on phones
- Linux on tablets

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- Linux on the desktop
- Linux on laptops
- Linux on phones
- Linux on tablets
- Windows (applications)
- MacOS (applications)

KDE runs everywhere

- Linux on the desktop
- FreeBSD on the desktop

KDE FreeBSD team

Main

- tcberner
- adridg
- kai

And also

- arrowd
- loise
- rakuko
- swills
- desktop@

KDE FreeBSD stack

- CMake
- eigen
- ninja
- Qt
- poppler
- KDE Frameworks, Plasma, Applications

KDE as a desktop

- Everything works (except)

KDE as a desktop

- Everything works (except)
- .. user management
- .. power management
- .. login.conf
- .. removable devices
- .. ejecting CDs

Hardware Bits

- *Solid* is a KDE Framework
- All about hardware detection
- Abstraction layer

Hardware Bits

- HAL backend removed entirely on Linux
- Mostly removed in FreeBSD
- Not even a direct dependency for KDE bits, but ..
- Ejecting a CD from the desktop needs HAL

Hardware Bits

- Most disks management via **sysutils/bsdisks**
- Needs work done in that port
- **Then** we can drop HAL from the KDE stack
- **Then** we can drop HAL support code from KDE upstream

The last 5%

Last 20% of the work takes 80% of the time

But it's worse than that,

Finding the last 5% of the work ..

Connections

- GNOME shares most of the same infrastructure
- desktop@ to unify efforts
- Wayland is coming

Questions?

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