KDE on FreeBSD

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KDE is a Community
KDE is a Community

- Makes KDE Frameworks
- .. and KDE Plasma
- .. and KDE Applications
KDE is a Community

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

There is no KDE5
KDE is a Community

- Makes KDE Frameworks
- .. and KDE Plasma
- .. and KDE Applications
There is no KDE5 .. except x11/kde5
KDE runs everywhere

- Linux on the desktop
- Linux on laptops
- Linux on phones
- Linux on tablets
KDE runs everywhere

- 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

• Can you see the difference?
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?