

Contributing is more than just code

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- KDE's modular, cross-platform device abstraction Framework
- Enumerates batteries, storage devices
 - fstab
 - UDisks
 - Libimobiledevice
 - UPower
 - IOKit
 - etc



- Device Notifier
- Battery Monitor
- Places Panel
- File Previews
- Trash
- ... and many more

- Enumerates all (block) devices
 - There can be lots, e.g. loop devices
- For every device creates a device object
- Every device object queries its properties, installs change listeners, etc

Can we do better?

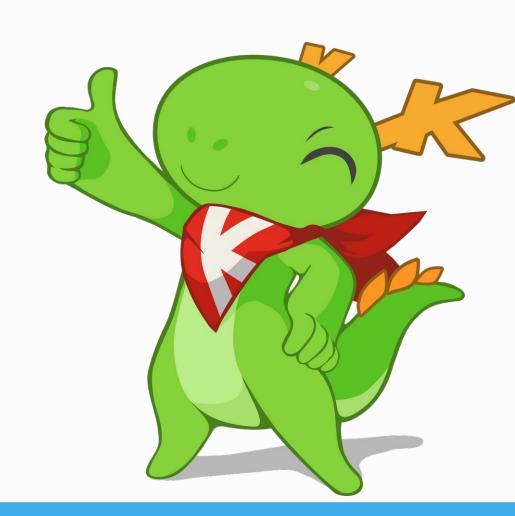


- Does a blocking "Introspect" call in its constructor
- Use qt_add_dbus_interface for compiletime generated interface via qdbusxml2cpp
 - Creates a QDBusAbstractInterface

- Use DBus ObjectManager
- Get all properties for all devices at once

 https://invent.kde.org/frameworks/solid/-/m erge_requests/158

Job done



- USB stick just goes away when unplugged
- Optical always drive + medium
 - Need to monitor the drive for its contents, too
 - Drive can also be hotplugged
- Audio CD, Data CD, Mixed Mode CD, etc

»Anyone got a spare DVD drive?«

- USB DVD drive
- Let me test all the obscure use cases
- Still need to write lots of unit tests
 - Is there a *umockdev* equivalent for UDisks?



Contributing is more than just code

- Artwork
- Translations
- Promo work
- IT Infra
- and much more

