KDE Connect
KDE meets your phone

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Device connectivity: year 2013

Expectation

• Most people use email to send files between devices

Reality

• My mom can't copy holidays pictures from its phone

• Apple is pioneer in device integration
The KdeConnect solution

Integrate your devices with KDE like you do with web accounts.
What could we do?

- Show notifications in desktop
- Sync camera photos
- Sync clipboard contents
- Smart actions: pause music during a call
- Use our keyboard to write on the phone
- Sync contacts/calendar without an intermediate server
- ...

How can we implement it?

Plugins, plugins everywhere!

- Backends to reach your phone (local wi-fi, the internet, usb...) are plugins, the best one is used.

- The phone has plugins that emit packages, which have a type (e.g: "org.kde.kdeconnect.phone_call") and an arbitrary payload.

- When the computer receives a package, it checks if there is plugin to handle that type of package.
What will we have after this GSOC?

- Wi-fi and internet communication
- Security: Devices must be manually added by the user, through a “pairing” process. In that process they will exchange the public keys that will be used to encrypt any future communication.
- A nice system settings module
Thank you

I'm open to questions