KDE Connect



Bill Kendrick, Linux Users' Group of Davis, April 20, 2015

What is it?

- A pair of applications that you run on multiple devices. Currently, combinations like:
 - Laptop running KDE desktop environment
 - Cellphone running Android, etc.

• From the KDE wiki:

"KDE Connect is a project that aims to communicate all your devices. For example, with KDE Connect you can receive your phone notifications on your computer, or just use your phone as a remote control for your desktop. To achieve this, KDE Connect implements a secure communication protocol over the network, and allows any developer to create plugins on top of it. Currently there are KDE Connect clients on KDE, Android and Blackberry, and soon we will support iPhone as well."

What am I looking at!?

This presentation includes screenshots of KDE Connect running on both:

- a Kubuntu 14.04 laptop running KDE 4.13,

- and a Nexus 5 cellphone running Android 5.1

Screenshots are tagged with one of those icons, to help you understand what you're seeing.

(Both devices were running KDE Connect 0.8)





Why? (phone notifications on your PC)

• Your phone's in another room charging, and a call comes in, or you receive a TXT message, or a Facebook notification pops up...



Why? (cont'd; multimedia controls)

- You're listening to loud music on your computer...
 - When someone calls your phone, the music on your computer pauses automatically when you answer the call.
 - If you're in the kitchen making lunch and hate the song just came on, you can use your phone as a remote control!



Why? (cont'd: 'share' to desktop)

• You're making a presentation regarding something on your phone, and you want to quickly send a screenshot of your phone to your laptop...



Why? (cont'd: shared clipboard)

- You want to 'cut' on your phone, and 'paste' on your computer
- You want to 'cut' on your computer, and 'paste' on your phone

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Why? (cont'd: pinging)

• Hey!... where'd I put my phone?



Why? (cont'd: file sharing)

- Hey? Where'd I put that USB cable?
 I want a photo off my phone!
 - Browse the phone's filesystem, or SFTP to it!



Why? (cont'd: remote mouse/keybd)

- Use your phone as a remote mouse (e.g., during presentations)
- Even use the device's keyboard to type!



Flexible & Plug-in Based (1/2: PC)

	KDE Connect – KDE Control Module	0 🛇 🛇 🛇
Connect and sync your devices with KDE		
Nexus 5	Nexus 5 (paired)	Send ping
	Battery monitor Show your phone battery next to your computer battery	î
	Share the clipboard between devices	
	Inhibit screensaver Inhibit the screensaver when the device is connected	
	Remote control your music and videos	
	Show phone notifications in KDE and keep them in sync	
	Pause media during calls Pause music/videos during a phone call	
	Send and receive pings	
Refresh	Remote filesystem browser Browse the remote device filesystem using SFTP	
Help Defaults Beset	<u>V O</u> K <u>Apply</u>	<u>Ø</u> <u>C</u> ancel

Flexible & Plug-in Based (2/2: device)

\leftarrow Plugin settings



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← Notification filter	
Notifications will be synchronized for the selected apps.	he
Aldiko	
Allergy Alert	
Amazon	
Amtrak	\checkmark Remote input settings
Android System WebView	Set two finger tap action Right click
AnyStop: Davis (Unitrans)	Set three finger tap action
Authenticator	Middle click
BASIC!	
Blakes 7 Soundboard	

Links

- "KDE Connect" at KDE Community Wiki https://community.kde.org/KDEConnect
- "KDE Connect" in Google Play for Android https://play.google.com/store/apps/details?id=org.kde.kdeconnect_tp
- "KDE Connect" in F-Droid catalog for Android https://f-droid.org/repository/browse/?fdid=org.kde.kdeconnect_tp
- Albert Vaca's (lead developer) blog https://albertvaka.wordpress.com/
- PPA for more current versions for Ubutnu https://code.launchpad.net/~vikoadi/+archive/ubuntu/ppa/





