



KDE and Consumer Electronics

The lost momentum

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- 1 Introduction
- 2 Comparing KDE to the other platform
- 3 The Future



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Goals of this talk



When you leave this room

- You should have recognized Mobile Devices and Consumer Electronics are of great importance for KDE.
- There is plenty we can and should improve
- Reconsider the goals of KDE and its scope

When you get home and hack away

- Consider integrating Mobile Devices into your Application
- Make dependencies conditional
- Consider binary size, memory footprint and limited resources



The classic Desktop

The ugly gray and bulky box

- The traditional gray machine with mouse and keyboard
- Used for average tasks
- KDE is good enough for large deployments



The lifestyle Desktop

The begin of the future



- You connect ACME Camera and want to share photos
- You connect ACME OGG Player and upload and share music
- You connect ACME DVB receiver you record and watch movies



The mobile world

Be always connected



- The majority of Computer equipped devices are not Desktops
- People carry mobile phones everywhere and anywhere
- GPRS, EDGE, UMTS, WiMax allows you to be always connected
- They are as powerful as the first Computer you have run KDE on
- Ofcourse it runs Linux



The consequences for us



They exist

- Integrate these devices into our desktop
- Synchronize your data

They run Linux

- It could run KDE
- Large number of easy to win users
- We need to avoid the Micro\$oft monopoly



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Our problem

Stop the inbreeding, start cooperating



Bad integration

- We integrate mobile phones, OGG players, ... badly

Our platform

- We have created a lot of good technology
- Sadly none is used outside of the KDE project
- No way to just use KIO, KHTML, ...



KHTML versus WebCore

You will hate me for this one



KHTML

- Awesome rendering engine
- Not used outside KDE as it is hardly portable

WebCore

- All the benefits from KHTML
- Easily portable, already ported to mobile phones, Gtk+, Win32, ...
- WebCore conquers the world



kdepimpi

- Fork of Korganizer, KAddressbook, KResource
- Bugfixes, tuning, generally improved
- Sadly not much has been merged

maemo

- Evolution-Data-Server ported to D-Bus
- Evolution-Data-Server shrunk
- New GUI written for Evolution Data Server
- Changes merged upstream



The pattern

Why can't KDE technology be used outside of KDE?



- It is more easy to use Gaim than Kopete on Qtopia
- It is more easy to use GnomeVFS than KIO on Qtopia
- It is more easy to use WebCore than KHTML on Qtopia
- ...
- I have seen a lot of KDE forks with no perspective



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A new hope

The GREENPHONE



Once Qtopia is Free

- Embrace it by making our platform available to Qtopia customers
- Get new customers and developers for our platform
- Generally benefit



Let the Research begin

Be ahead of time



Outlook 2010

- Think of the new iPod shuffle with WiMax, WLAN, UMTS and a huge disk
- Storing and Caching your personal data
- Running KDE and exporting the app to the nearest display
- Automatically adapting to the appropriate look and feel
- Be sure to watch a small demo using poky from o-hand.com



Questions ?

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