The future of packaging KDE SC on Windows

...or how we love Steve B.
Welcome

Hello and welcome by Patrick and Patrick

What do we do?

- We don't want the KDE desktop experience
- We want to have the applications
Our work in KDE

- Preparing and maintaining third party libraries
- Maintaining build scripts for compiling & packaging KDE SC
- Fixing builds on Windows
- Fixing platform specific bugs
- Porting new applications to Windows
KDE on Windows as a distribution

Compiling is the same:
`cmake .. && $MAKE && $MAKE install`

Where is `apt-get/zypper/yum install`?

→ NIH: `emerge` build scripts vaguely similar to `gentoo's`
Status

Applications installable via kdewin-installer: ~150
Size: 33000 files, 2500 folders, 2 GB

single application installers

More applications available via emerge
Single application installers

provided by KO GmbH
Windows Installer (.msi) based
Good integration available
Single Application Installers

Provided by Patrick
Made with nullsoft scriptable installer (.exe)
Build using emerge

[Logo: amarok - rediscover your music]
Single Application Installers

Made by Thomas Friedrichsmeier
Using NSIS
Build on top of kdewin-installer binaries
Results

Typical Windows way: install everything side by side
That means having kdelibs 10 times
We have to additionally maintain tailored blacklists
How does KDE Frameworks fit in?

Increase the number of dependencies: Yay!
Reduce the number of dependencies: Yay!

- More fine grained dependencies are better
- Benefit from pushing classes upstream to Qt
- Remove blacklists
System integration

- File type integration: easy in KDE apps, not so easy from outside
- Context menus in explorer
- Jump lists, taskbar buttons etc.
System Integration
In the end

Windows market share still at ~85% (may '12)

We provide:
  dependency tracking
  third party libraries
  Know how and help

We can't:
  Fix all bugs
  Make an installer for everybody
In the end

- Developers, Developers, Developers
- Make us review your changes on reviewboard!
- Keep us in the best free software community there is
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