

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

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!

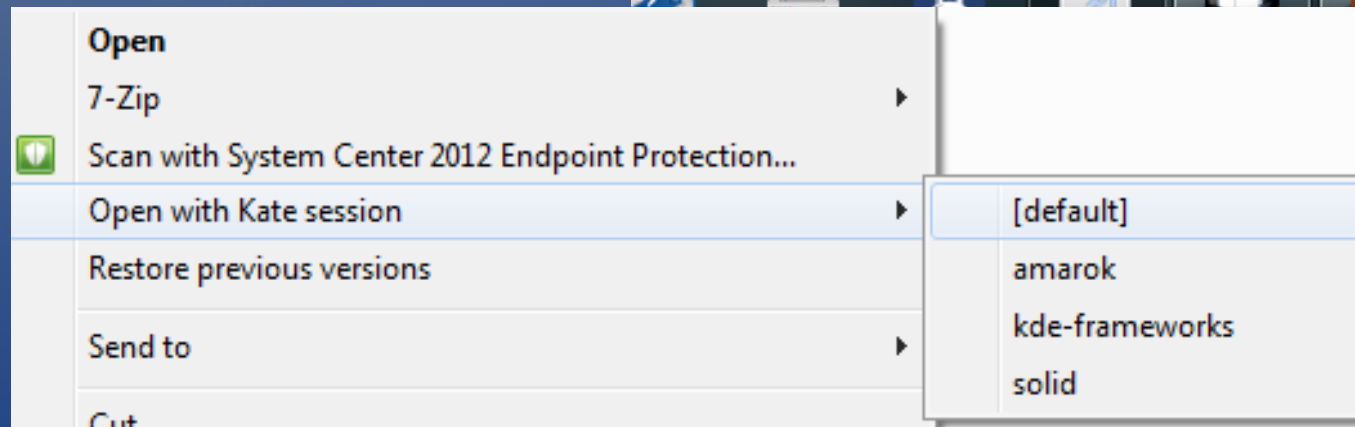
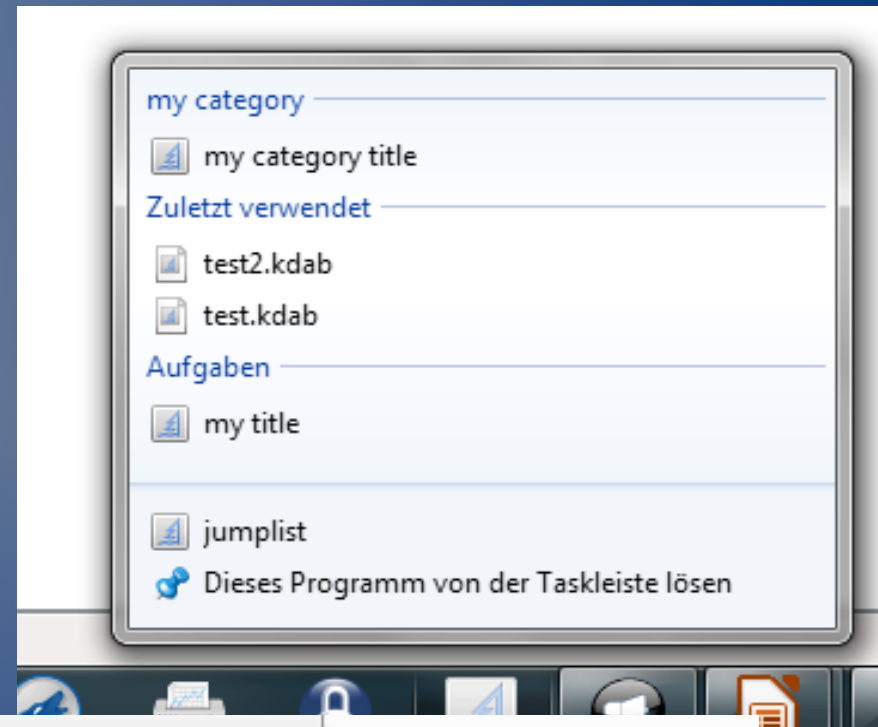
Reduce the number of dependencies: Yay!

- 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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