

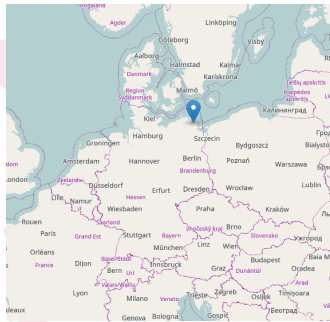
Packaging KDE Software in Debian

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About me

- KDE contributor since 2013
"Fix encrypted mails within KMail."
- Debian Developer since 2016
"Missed ownCloud client and an up to date KDE Desktop."



Distributions are important

Users

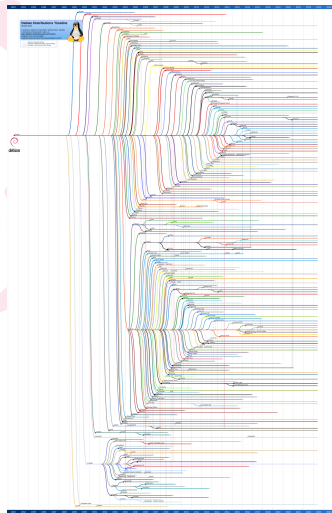
Want a working PC, as they have tasks to tackle down and not want to fix computer problems. Don't care about versions.

Distributions

Have ideas about what they want to achieve and find a working set of software that work together.

Debian

- "It is ready, when it is ready"
 - founded in 1993
 - 64.000 packages / 1000 Developers
 - base for a lot of other distros
-
- stability
 - reproducible-builds
 - care about licenses



10 Developers, 3 make 90% of the work

- ✓ transition to Qt 6
- ✓ bundle Plasma together
- ✓ tracking QML dependencies
- ❑ remove Qt 5 based software
- ❑ package rust dependencies
- ❑ too frequent versions / no LTS support
- ❑ manpower to backport patches

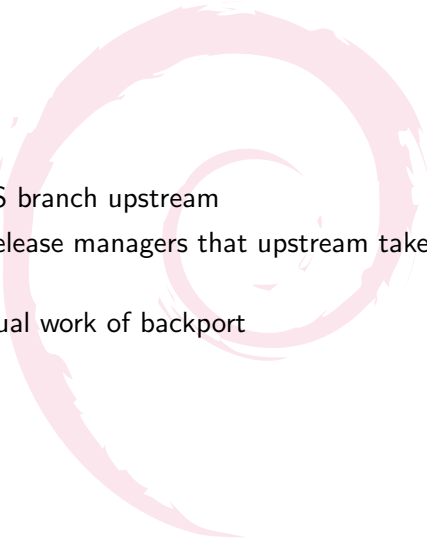
Transitions are hard and take long

- Upgrade 3 $\Rightarrow$ 4 (3 years to adopt)
- Upgrade 4 $\Rightarrow$ 5 (3 years to adopt)
- Upgrade 5 $\Rightarrow$ 6 (1 year to adopt)

🔧 KDE neon helped to track a lot transition issues.

3rd-party Software

Delayed transition can start after KDE has done its transition.

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- ✓ Have a LTS branch upstream
 - ✓ Convince release managers that upstream takes it serious about LTS
 - ❑ Do the actual work of backport

It is work to do backports and care about LTS branches.

Roadmap to LTS branches:

- ❑ Coordination between distros
- ❑ Announce a LTS version one year before
- ❑ Join efforts in backports

Questions & Answers?



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Images:

- Map data from OpenStreetMap
- List of Linux Distributions from Andreas Lundqvist, Donjan Rodic.
Modified by Michaeldsuarez.