

Custom Debian Distributions in general

A user centric view on Debian

Andreas Tille

LSM Amiens, 12.7.2007

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- 3 Custom Debian Distributions

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Distribution

Specialists

CDD



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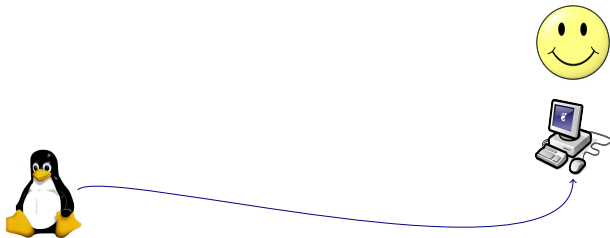
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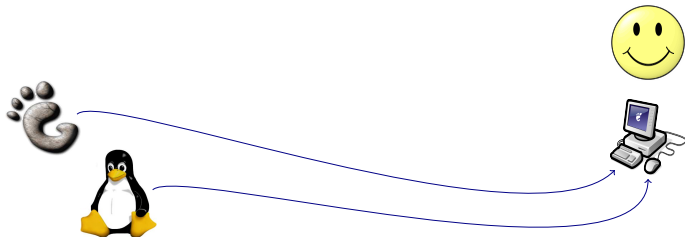
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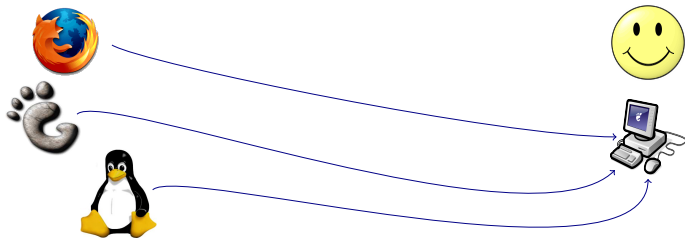
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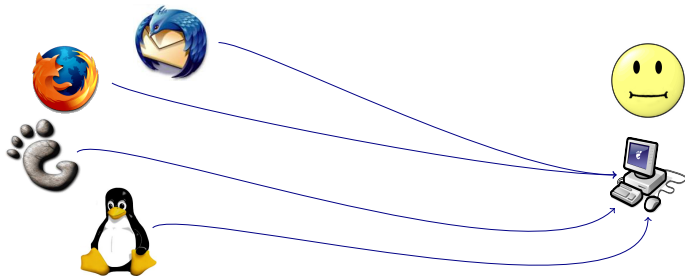
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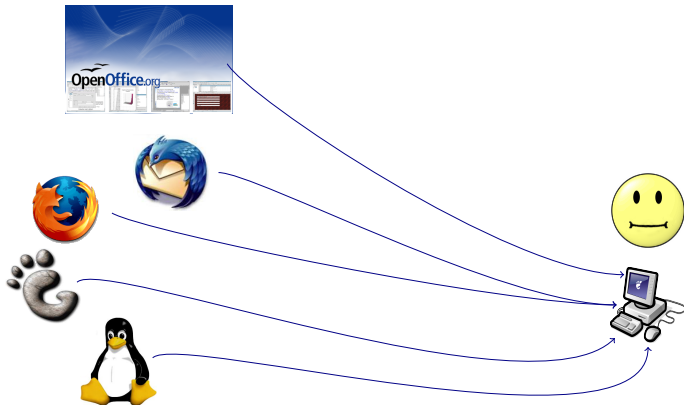
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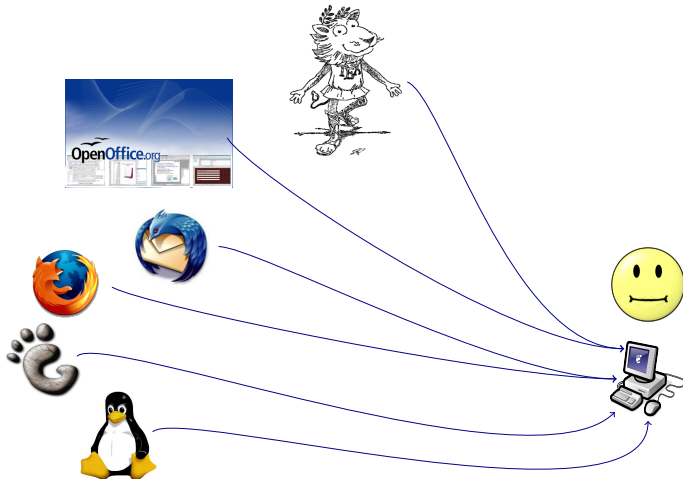
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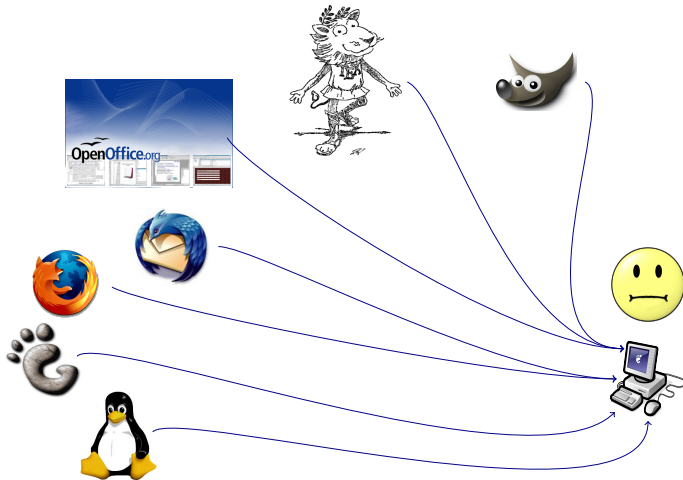
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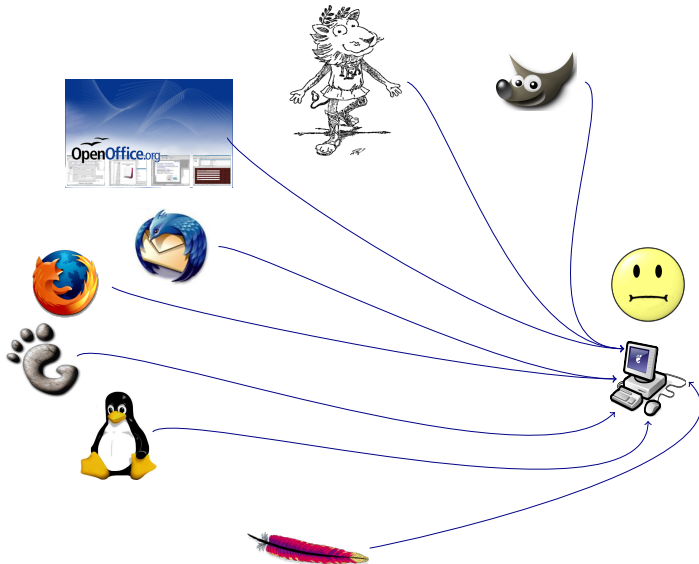
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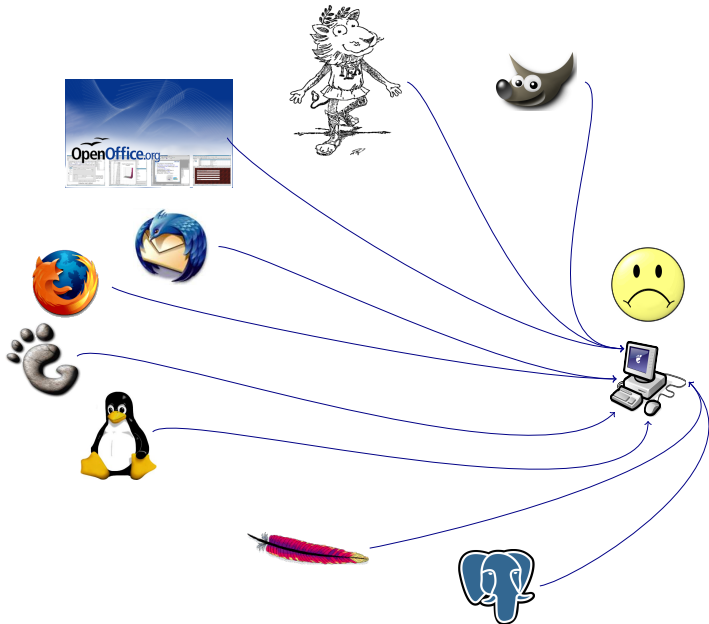
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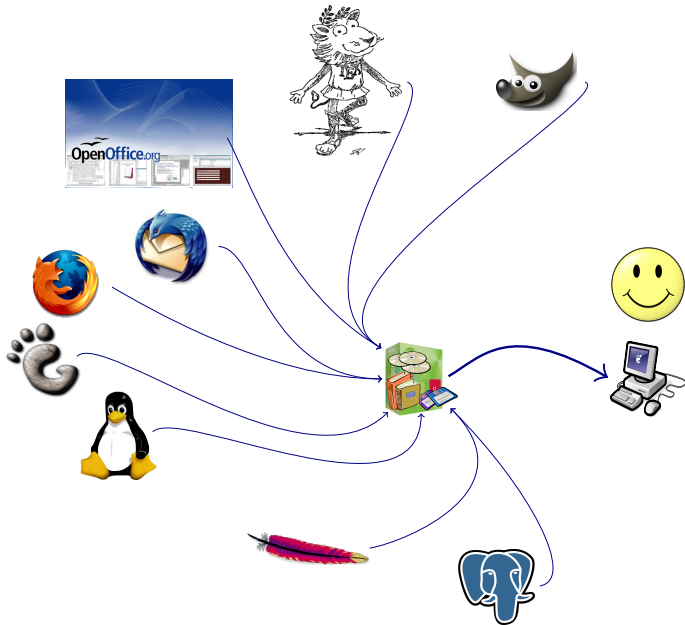
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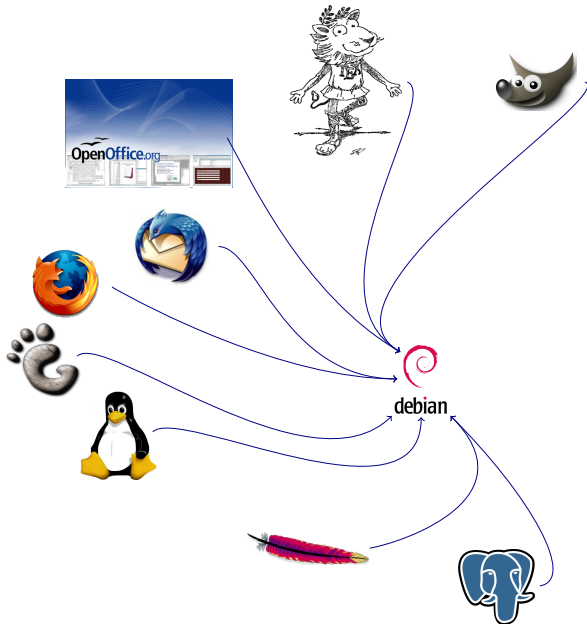
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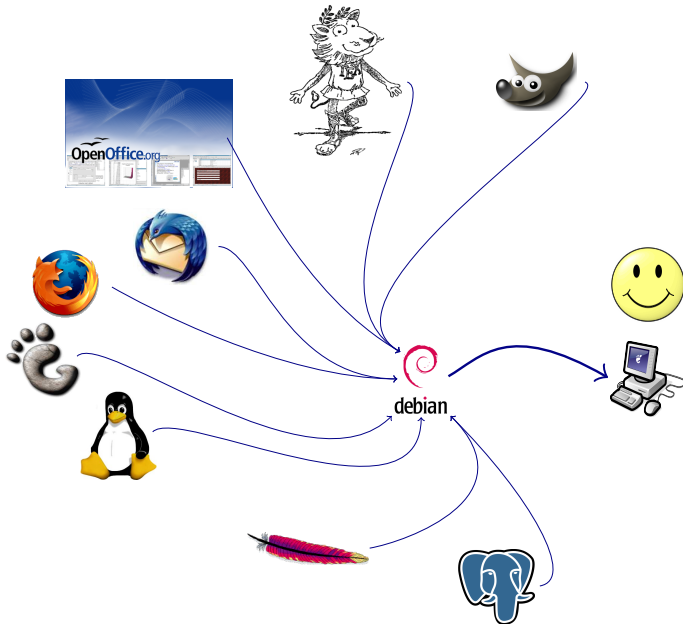
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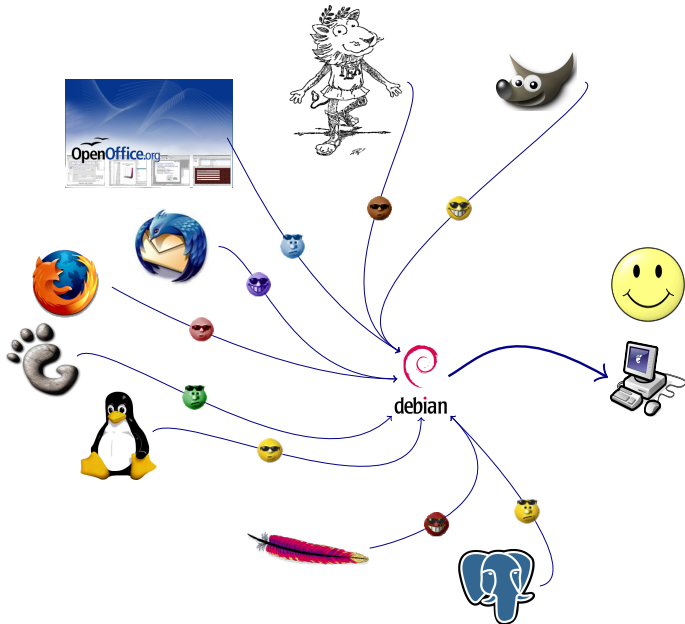
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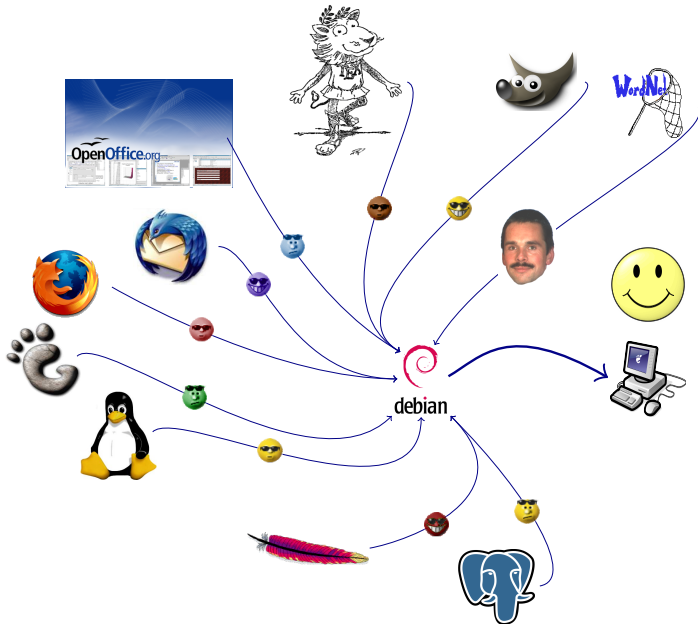
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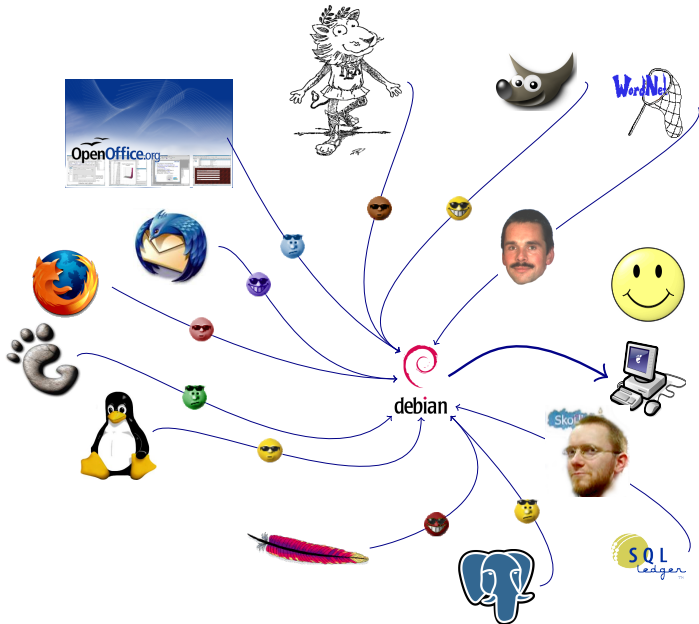
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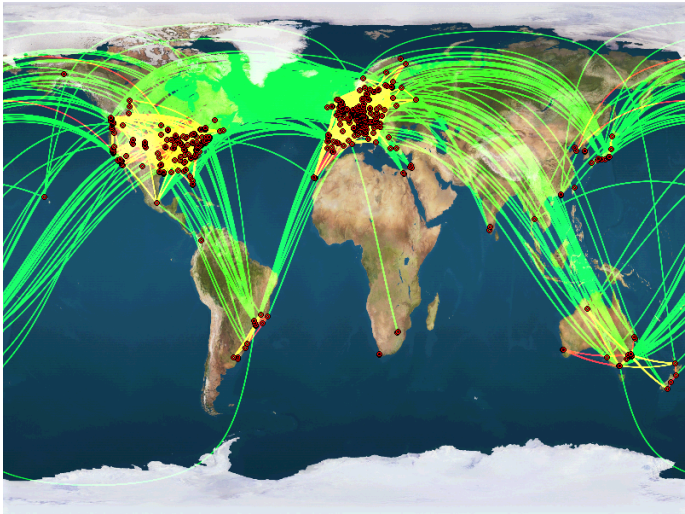
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- Development of Free Software is evolutionary process
 - Very successful in case of many users
 - Special software has small user base
 - Profile of the envisaged user:
 - Limited time to learn
 - Limited knowledge of programming
 - Specialized needs
 - Specialized support
 - Profile of administrators:
 - Limited time to learn
 - Lack of specialist knowledge

- Development of Free Software is evolutionary process
- Very successful in case of many users
- Special software has small user base
- Profile of the envisaged user:
 - User is not a professional programmer
 - User is not a professional system administrator
 - User is not a professional system integrator
- Profile of administrators:
 - Limited time to learn
 - Lack of professional experience

- Development of Free Software is evolutionary process
- Very successful in case of many users
- Special software has small user base
- Profile of the envisaged user:
 - Unreasonable effort to install upstream programs
 - No support for the program
 - No support for the program
- Profile of administrators:
 - Limited time to spare
 - Lack of experience, experience

- Development of Free Software is evolutionary process
- Very successful in case of many users
- Special software has small user base
- Profile of the envisaged user:
 - Unreasonable effort to install upstream programs
 - No interest in administration
 - *Specific subset* of available free software
- Profile of administrators:
 - Limited time to spare
 - No or only occasional cooperation

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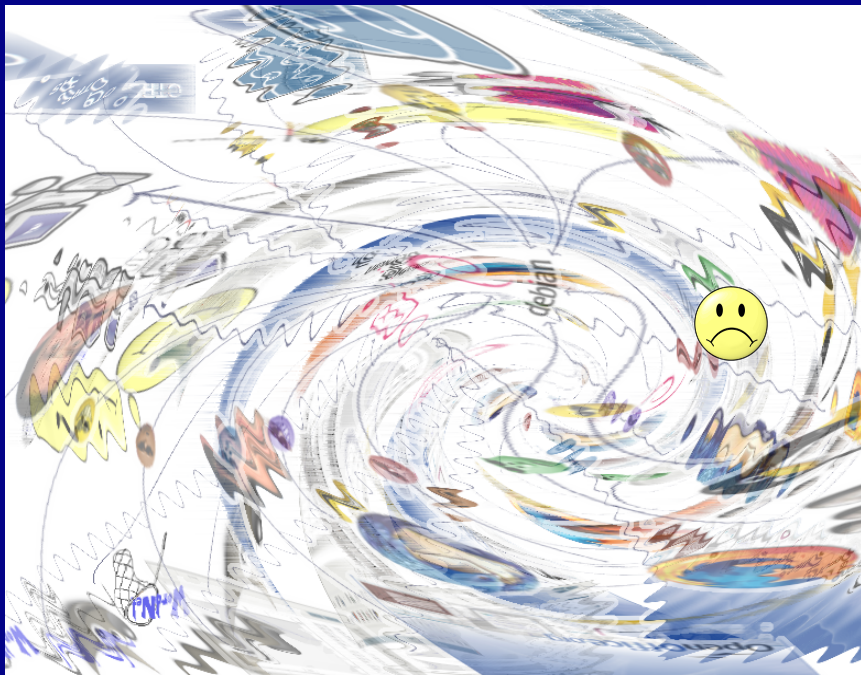
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- Unfortunately not in „*Custom Debian Distributions*“
- Often interpreted as “something else” than Debian
- Definition: Completely integrated into Debian
- Former „*Debian internal projects*“

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- Fedora → RedHat / OpenSuSE → SuSE
- Advantages of free base distribution
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- **Meta-packages**
- Tasks
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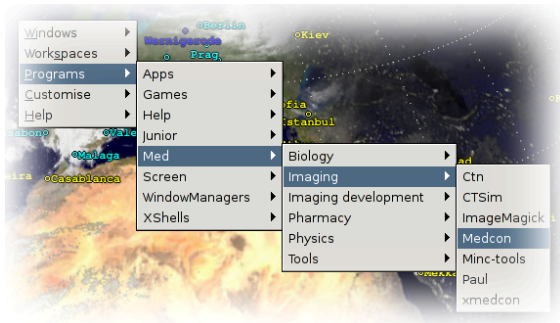
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- *tasksel* first user interface
- *debconf* pre-seeding
- Make usage of `Recommends` instead of `Depends`

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- **Make usage of `Recommends` instead of `Depends`**

- Packages like books in a library
- Debtags → keywords
- Debtags-based installation

- Packages like books in a library
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- Tools to support CDD techniques
- *cdd-dev* exists
 - Building meta packages easily
 - User manuals
- CDD Tk better designed but not yet working
 - Features as in *cdd-dev*
 - Building meta-packages
 - Creating installable meta

- Tools to support CDD techniques
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 - CDD Tk better designed

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- Premature for euphoria
- Developers really appreciate support
- Just join the effort and package your special applications

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This talk can be found at
<http://people.debian.org/~tille/talks/>
Andreas Tille <tille@debian.org>

