Debian Med
A service for scientists in medicine and biomedical research

Andreas Tille

Debian

Brussels, 02. February 2013
What is Debian Med?

practice management system
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Debian Pure Blend for medical care and microbiological research
What is a Debian Pure Blend

- **Debian Pure Blend (in short Blend):** a subset of Debian that is configured to support a particular target group out-of-the-box.
- Making a certain topic "hot"
- Teach users & developers how to work together with Debian (via Blend team)

*Turn Debian into the distribution of choice for a specific target group*

*Advertise this fact to the world to attract users and developers*
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Number of Packages in selected tasks of Debian Med

Andreas Tille (Debian)
Brussels, 02. February 2013 4 / 12
Motivation

- Create software environment fitting needs of medicine and bioinformatics
- There is some pool of free medical + bioinformatics software
- Assemble this straight into Debian
- Keep contact to developers (frequently scientists) to
  - better understand the code to enable proper packaging
  - advertise their code via Debian to more users
  - provide preconditions for their software via `apt-get`
- Completely integrated into Debian - no fork
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Medical Software sustains inside Debian

- Making Free medical Software a part of Debian
- Some code is upstream dead and only available in Debian
- Several projects with goal to collect medical FLOSS are orphaned
- Debian Med will survive inside Debian even if early protagonists might stop working on it

→ Debian Med is a sustainable way to distribute medical FLOSS to the user
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Basic ideas

*Do not make a separate distribution but make Debian fit for medical care and bioinformatics*

No development of software - just smooth integration of third-party software

*Debian-Developer = missing link between upstream author and user*
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Debian-Developer = missing link between upstream author and user
About 50% of packages of Debian Med connected to scientific publications

Citation information maintained in `debian/upstream files`

*Draft for standardisation (DEP12)* was born out of the Debian Med project

Current usage of these data (more to come)

1. *General Debian BibTeX file*
2. Web Sentinel

Usage also in Debian Science and DebiChem
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All packages of the Debian Med project are summarised in the so called *Tasks pages*
Relevant talks in this track

Orthanc  Just included into Debian by Debian Med team
AMEBA  potential candidate: „Advanced MEtabolic Branchpoint Analysis“
Packaging mass spectrometry software in Debian 😊
The Open Chemistry Project  Debian Med has close connection to  DebiChem
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This talk is available at

http://people.debian.org/~tille/talks/

Andreas Tille <tille@debian.org>