Debian Med

A service for scientists in medicine and biomedical research

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Debian

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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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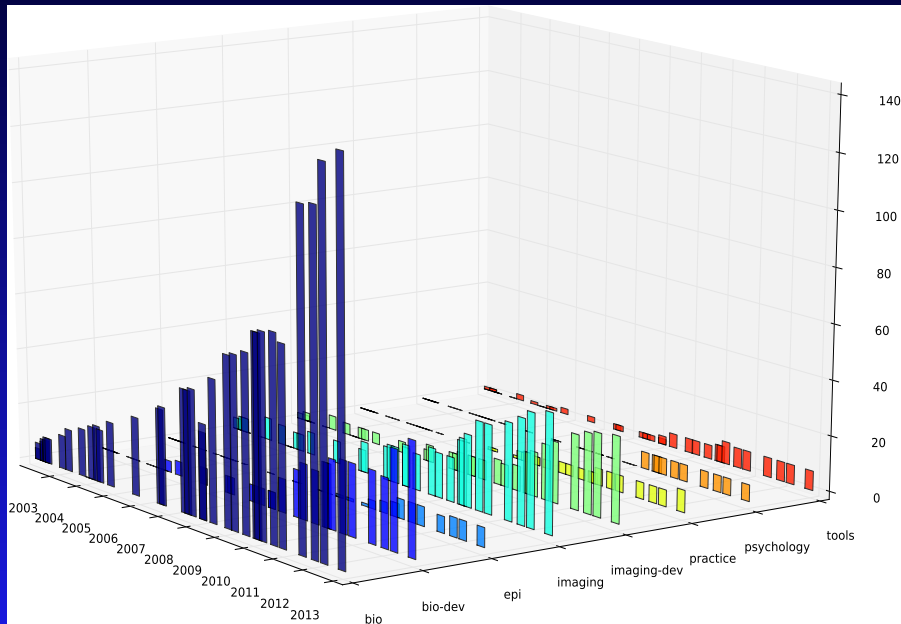*Advertise this fact to the world to attract users and developers*

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Number of Packages in selected tasks of Debian Med

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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Citations

- 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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Demonstration: Tasks pages

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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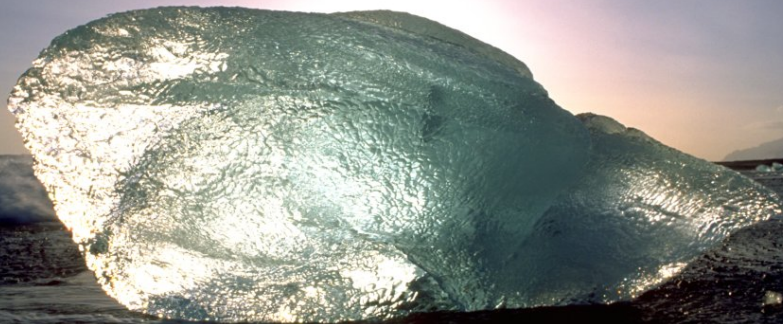
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This talk is available at

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

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