

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

Debian Pure Blend for medical care and microbiological
research

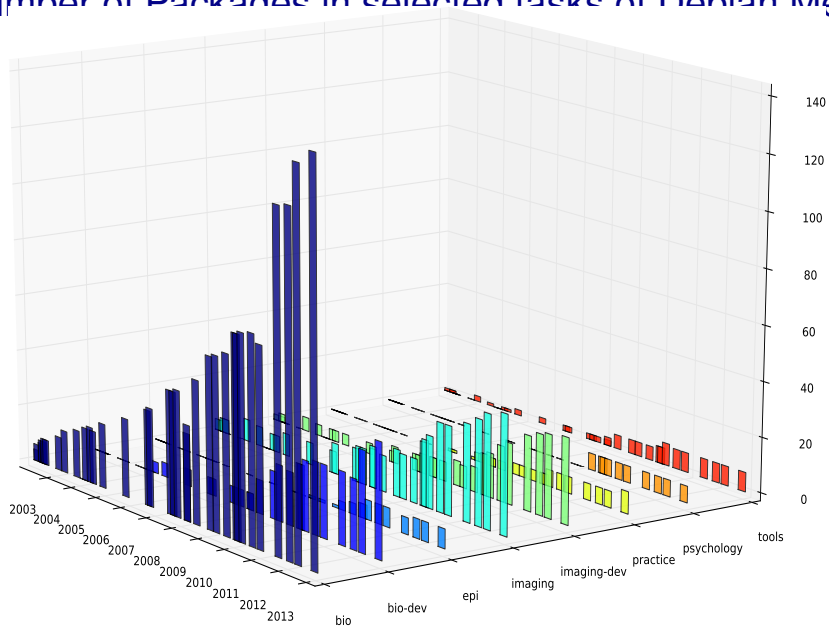
What is a Debian Pure Blend

- **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

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**

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

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*

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 BIB_TE_X file
 - 2 Web Sentinel
- Usage also in Debian Science and DebiChem

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*

This talk is available at
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