Debian Med

Integrated software environment for all medical purposes included in Debian GNU/Linux

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Debian

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Structure

1. What is Debian Med
2. Realisation
3. Debian Med for service providers

Motivation

- Free Software in medicine not widely established yet
- Some subareas well covered
- Medical data processing more than just practice and patient management
- Preclinical research of microbiology and genetics as well as medical imaging

➜ Pool of existing free medical software

Debian prepared for medical care

- Debian 6.0 $>$ 29000 binary packages
- Focus on *medical subset* of those packages
- Packaging and integrating other medical software
- Easy installation and configuration
- Maintaining a general infrastructure for medical users
- General overview about free medical software
- Propagate the idea of Free Software in medicine
- 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
- Fedora and OpenSuSE recently took over the concept

➜ *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

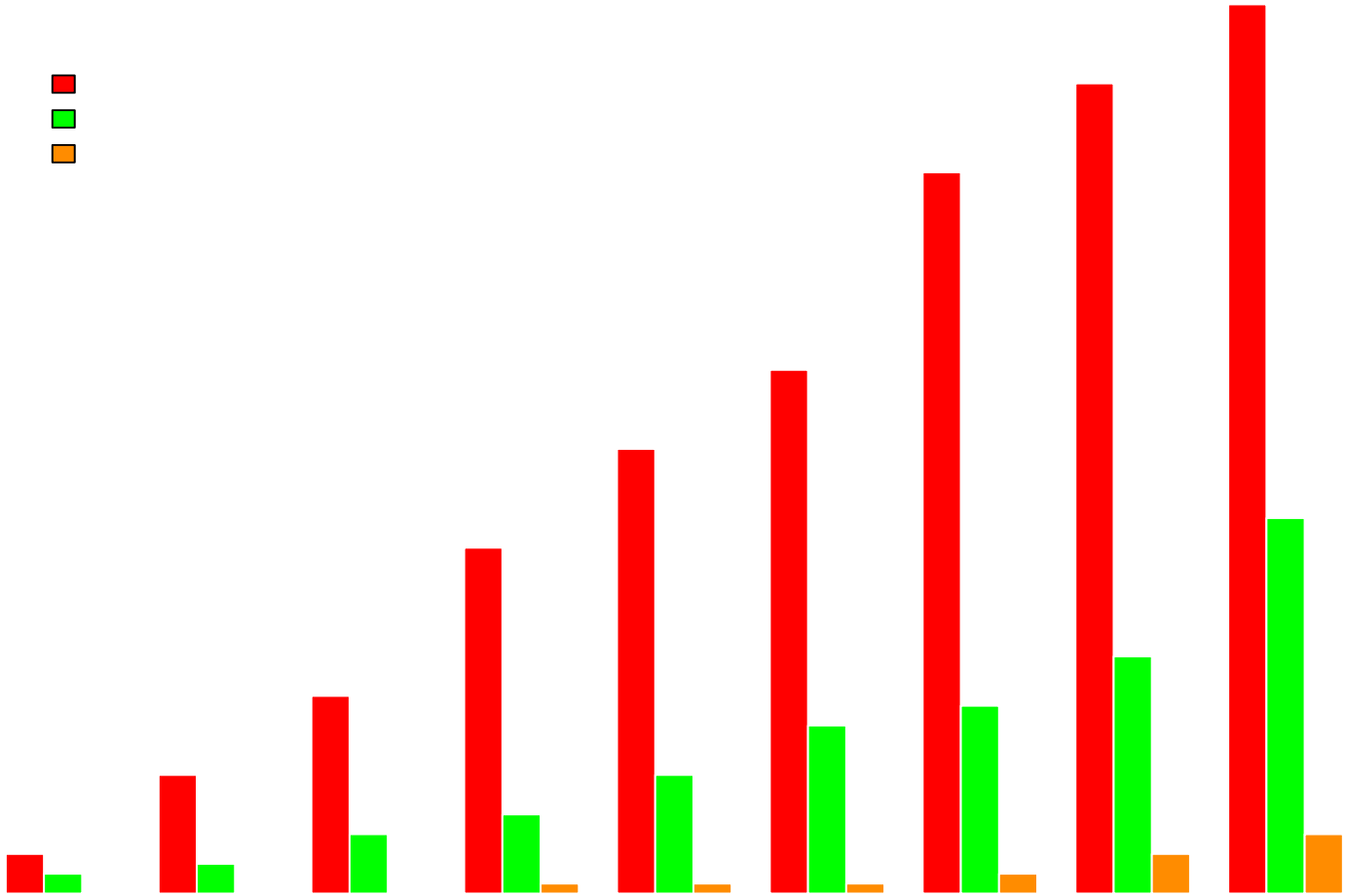
No development of medical software - just smooth integration of third-party software

Debian-Developer = missing link between upstream author and user

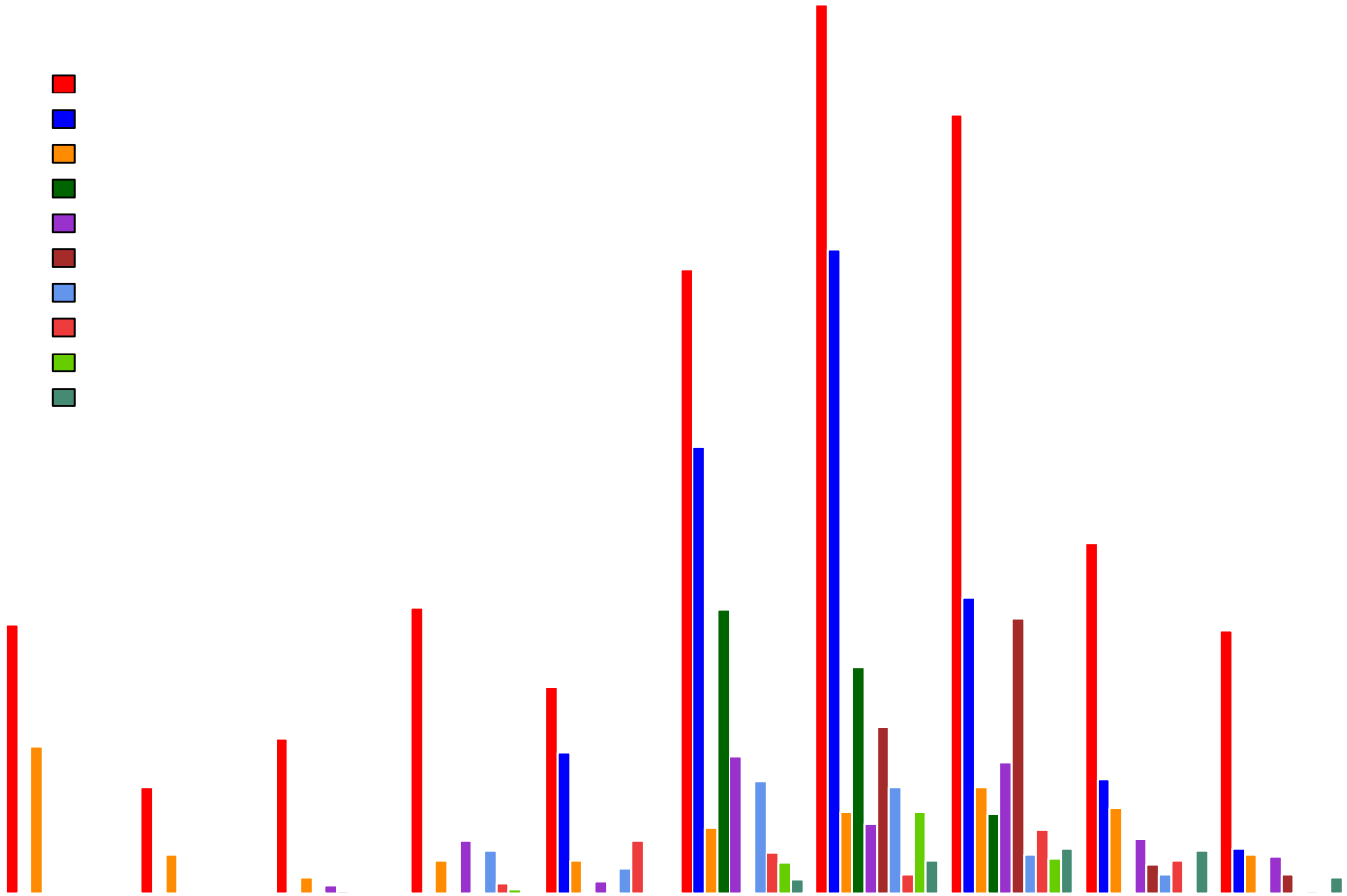
Demonstration: Tasks pages

All packages of the Debian Med project are summarised in the so called *Tasks pages*

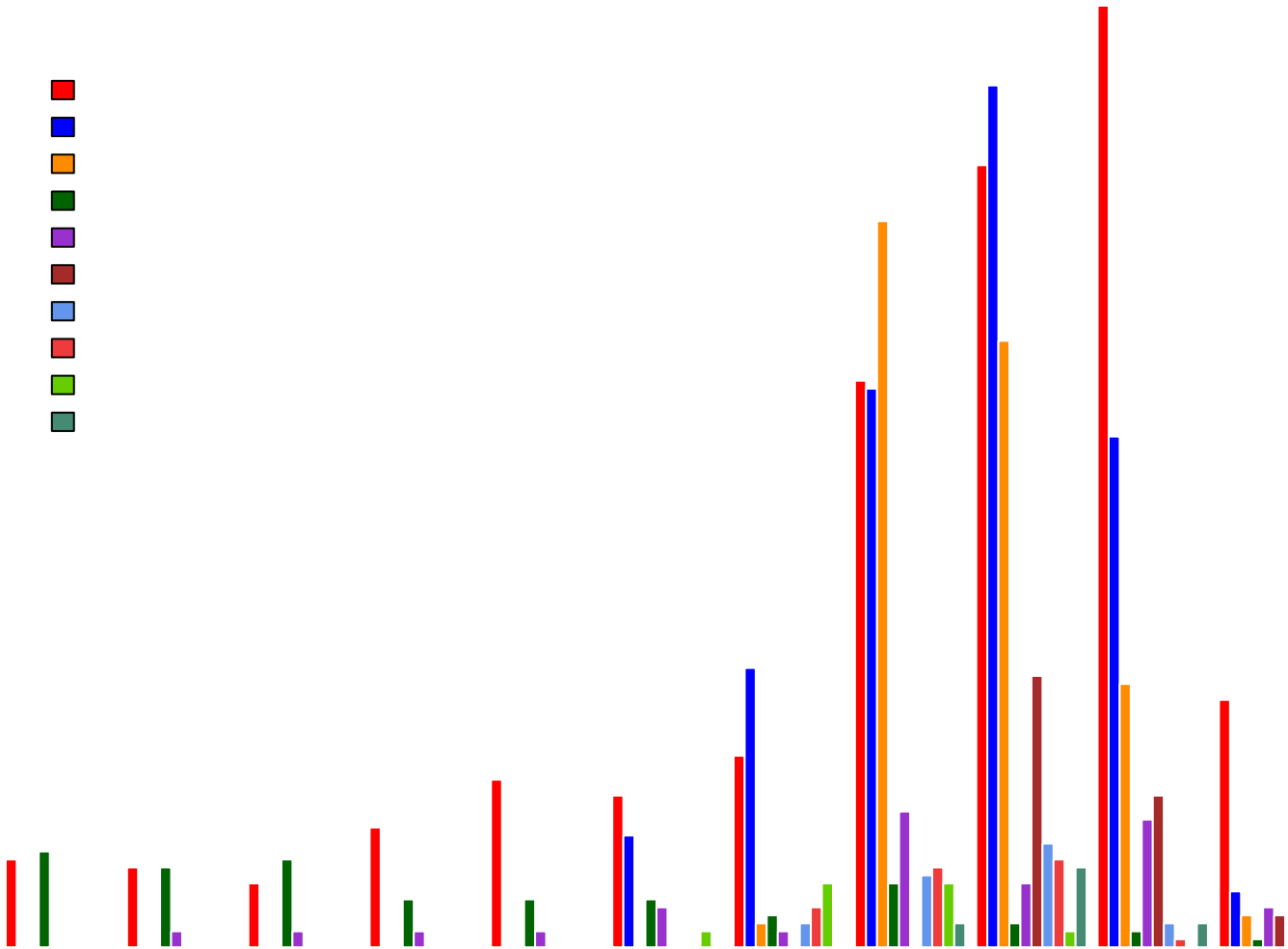
Selected metapackages of Debian Med



Top 10 posters on *debian-med@lists.debian.org*



Top 10 uploaders of packages in Debian Med team



Cooperation with other projects

- Developer meetings to join forces
- Debian derivatives
- Training of upstream developers in packaging
- Every medical FLOSS project is invited to join the effort

Service providing using Debian Med

- Need for commercial support
- Needs specific knowledge of medicine computer scientists
- Business model: Service providing for medical Free Software
  - Software free of charge
  - Merits for
    - Consulting
    - Installation
    - Support
    - Updates

Prospectus

- There are good requisites in Debian
- Needed: High quality Open Source applications for medicine to be integrated into Debian
- Further increase of interest of developers and users and getting them involved in the project
- Base for service providers in health care
- Turning Debian into the distribution of choice for people working in the field of medicine because there is best support for free medical software

This talk is available at
http://people.debian.org/~tille/talks/
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