Debian Med
A Debian Pure Blend for medical care and microbiological research

Andreas Tille

Debian

Brussels, 02. February 2013
1. Short intro

2. The Blends concept - Debian Med as a model

3. Graphing Debian Med
History
What is Debian Med?

practice management system
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**Contains** practice management system
What is Debian Med?

Contains practice management system

Debian Pure Blend for medical care and microbiological research
Debian Med focuses on Health Care applications
Debian Med focusses on Health Care applications
The name

- «Debian Internal Projects» became
- «Custom Debian Distributions» → complete failure
- DebConf 2008 «Debian Internal Solutions»
- People popped up for the only purpose of *bikeshedding*
- Vote ended up in «Debian Pure Blends» in short «Blends»
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Similar structures in other distributions

- **Fedora has SIGs (Special Interest Groups)**
  - *Fedora Medical SIG*
  - *Fedora Science SIG*
- **OpenSuSE Medical**
  - shamelessly copied *Debian Med tasks* pages without backing it up by technical work
  - attempts to get contact failed
- **Ubuntu-Med**
  - seems to lag behind current Ubuntu
  - quite different focus than Debian Med
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  ➔ Debian Med has by far largest team and amount of packages
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Purpose of Blends

- Making a certain topic "hot"
- Attract users of the specific working field interested in Debian
- Teach users & developers how to work together with Debian (via Blend team)

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Why considering Debian Med a model?

- One of the first Blends
- Medical software collection has bad chances to survive → but it did
- Shows how to form a team based on specific topic
- Pushes Debian into a field of dominant proprietary software

*Turn Debian into the distribution of choice for all medical fields*
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Blends tools and formalisms invented in Debian Med

- General creation of metapackages based on tasks files (*blends-dev*)
- Web sentinel (*tasks* and *bugs* pages) based on tasks files
- Handling of scientific citations
- Subsectioning of *DDPO pages* according to tasks
- Making use of *UDD* for several purposes (web sentinel, citations, prospective packages in VCS, upload + bugs statistics)
- *Debian Med policy*
- *Mentoring of Month*
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Debian Med is good for Debian

According to a *questionnaire* in Wiki

- Debian Med has 23 DDs+DMs
- 10 DDs *because* Debian Med exists;
  4 DDs before Debian Med started
- 7 out of the 10 above extended their activity to other fields in Debian
- 8 out of the 10 above are active in Debian Med
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Top 10 Uploader of Debian Med team

- Andreas T 804
- Charles P 432
- Steffen M 309
- Mathieu M 159
- Steve M. R 102
- Aaron M. U 84
- Laszlo K 66
- Thorsten A 53
- Dominique B 41
- Olivier S 38
Top 10 People discussing on Debian Med mailing list

Andreas T 3455
Charles P 1185
Karsten H 524
Mathieu M 407
Steffen M 385
David P 315
Olivier S 254
Nelson A. de O 191
Sebastian H 189
Yaroslav H 176
Top 10 bug hunters of Debian Med packages

Andreas T
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Olivier S
Aaron M. U
Steffen M
Dominique B
Philipp B
Laszlo K
## Top 10 committers to Debian Med VCS

<table>
<thead>
<tr>
<th>Name</th>
<th>Commits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andreas T</td>
<td>4388</td>
</tr>
<tr>
<td>Charles P</td>
<td>3059</td>
</tr>
<tr>
<td>Mathieu M</td>
<td>1544</td>
</tr>
<tr>
<td>Steffen M</td>
<td>1002</td>
</tr>
<tr>
<td>Olivier S</td>
<td>749</td>
</tr>
<tr>
<td>David P</td>
<td>538</td>
</tr>
<tr>
<td>Steven M. R</td>
<td>429</td>
</tr>
<tr>
<td>Laszlo K</td>
<td>387</td>
</tr>
<tr>
<td>Aaron M. U</td>
<td>274</td>
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<td>Thorsten A</td>
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Graph showing the contribution of these committers over the years 2005 to 2012.
Number of Packages in selected tasks
After some stagnation in the beginning growth in all measures

Warning: Also the amount of own work is growing (even if work is split on more shoulders)

Strategy: Making Blends tools even more attractive to
  make Debian Med more attractive to users + developers
  make Blends more attractive for teams inside Debian
Healthy growth

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This talk is available at

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

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