

# Debian Med project

A Debian Pure Blend for medical care and microbiological  
research

Andreas Tille

Debian

Porto Alegre, 05. July 2013

- 1 Short intro
- 2 The Blends concept - Debian Med as a model
- 3 Graphing Debian Med

# History



# History



# What is Debian Med?

practice management system

# What is Debian Med?

**Contains** practice management system

# What is Debian Med?

**Contains** practice management system

Debian Pure Blend for medical care and microbiological research

# Debian



# Debian Med focusses on Health Care applications



# Debian Med focusses on Health Care applications



Debian Med

DebiChem

Debian Science



Debian Edu

Debian Jr

Debian GIS

Debian Multimedia

Debian Med

DebiChem

Debian Edu

Debian GIS

Debian Science

Debian Jr

Debian Multimedia



# Debian Med

DebiChem

Debian Edu

Debian GIS

Debian Science

Debian Jr

Debian Multimedia



# Debian Med

DebiChem

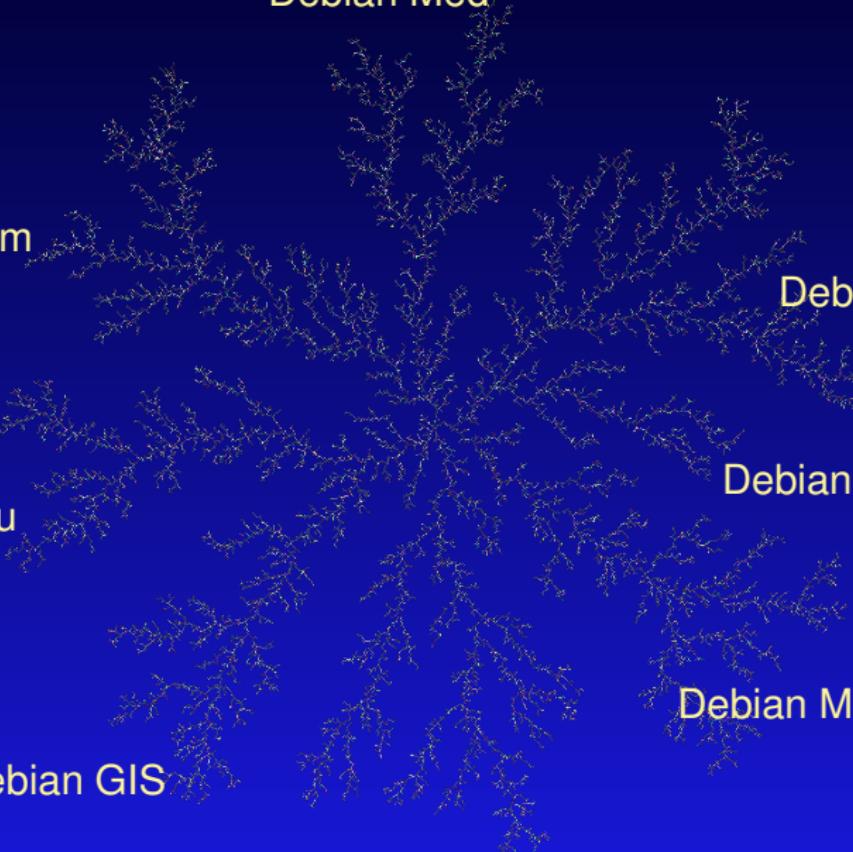
Debian Edu

Debian GIS

Debian Science

Debian Jr

Debian Multimedia



Debian Med

DebiChem

Debian Science

Debian Edu

Debian Jr

Debian Multimedia

Debian GIS

# 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*»

# 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*»

# 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*»

# 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*»

# 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*»

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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
- FreeBSD Ports: Biology

→ *Debian Med has by far largest team and amount of packages*

# 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)

*A Blend is a way to advertise Debian  
in a specific work field*

# 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)

*A Blend is a way to advertise Debian  
in a specific work field*

# 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)

*A Blend is a way to advertise Debian  
in a specific work field*

# 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)

*A Blend is a way to advertise Debian  
in a specific work field*

# 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*

# 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*

# 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*

# 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*

# 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*

# 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
- Sponsoring of Blends

# 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
- Sponsoring of Blends

# 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
- Sponsoring of Blends

# 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
- Sponsoring of Blends

# 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
- Sponsoring of Blends

# 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
- Sponsoring of Blends

# 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
- Sponsoring of Blends

# 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
- Sponsoring of Blends

# 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

# 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

# Debian Med is good for Debian

According to a *questionnaire* in Wiki

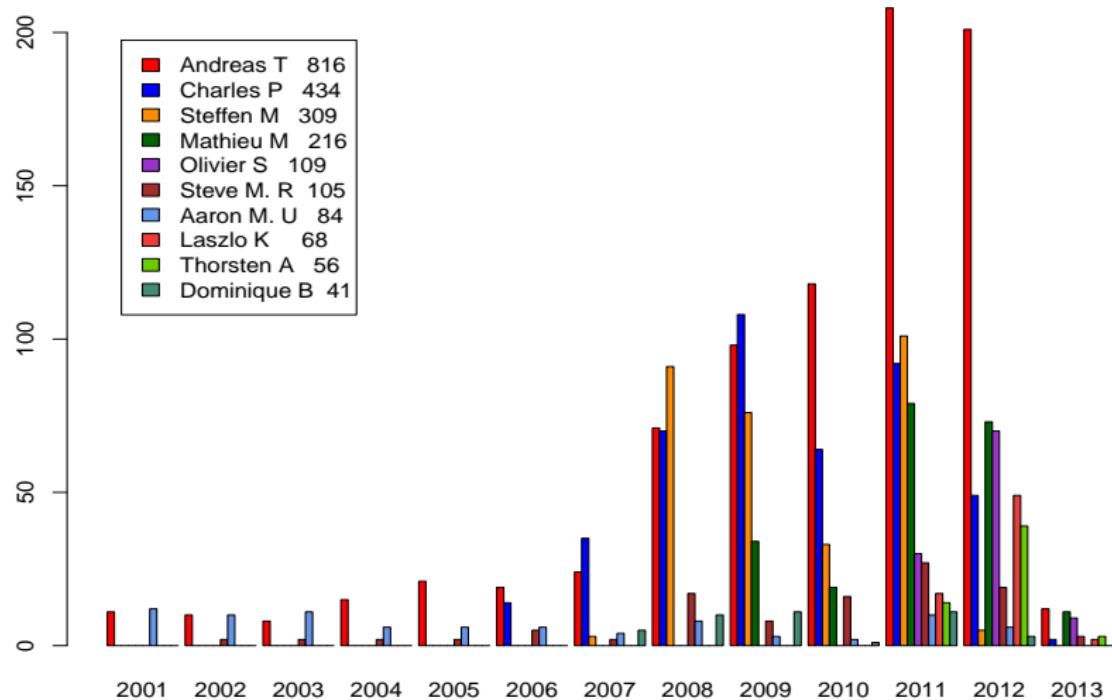
- Debian Med has 23 DDs+DMs
- 10 DDs *because* Debian Med exists;  
4 DDs before Debian Med started
- 7 out of the 10 above extended their activity to other fields in Debian
- 8 out of the 10 above are active in Debian Med

# Debian Med is good for Debian

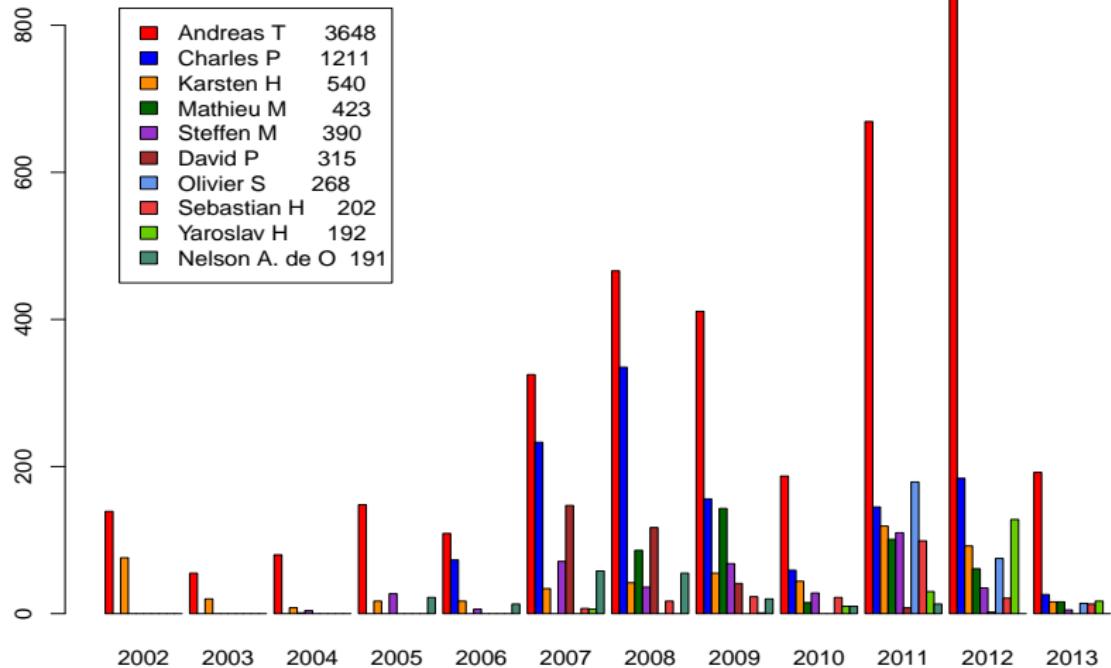
According to a *questionnaire* in Wiki

- 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

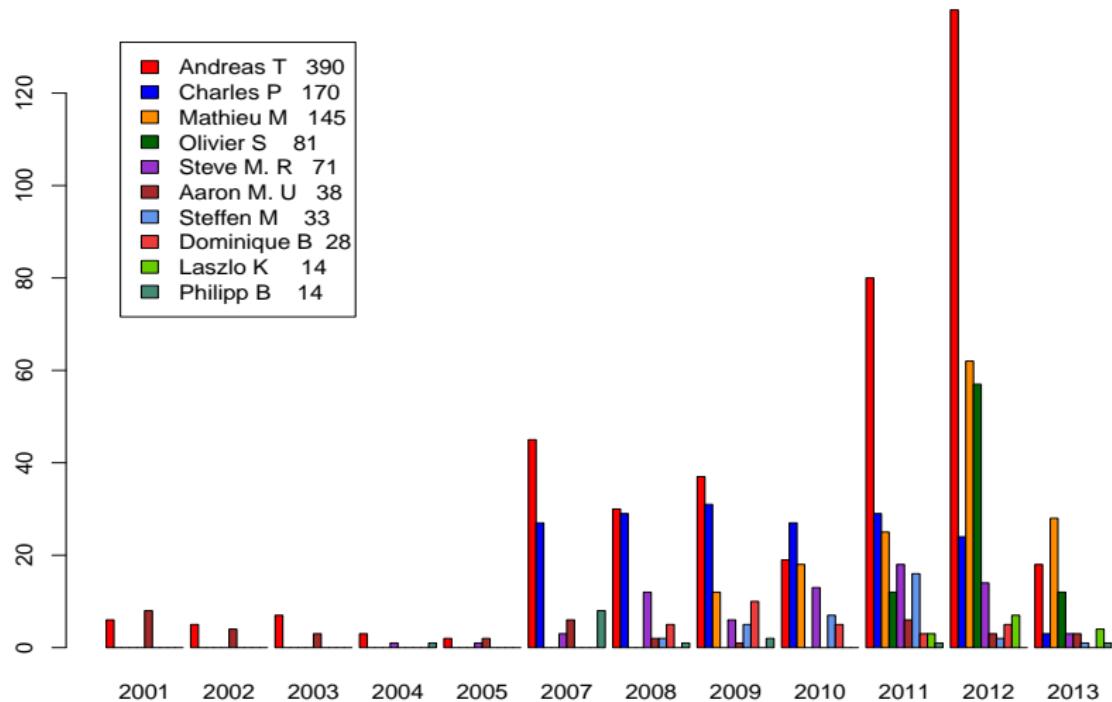
# Top 10 Uploaders of Debian Med team



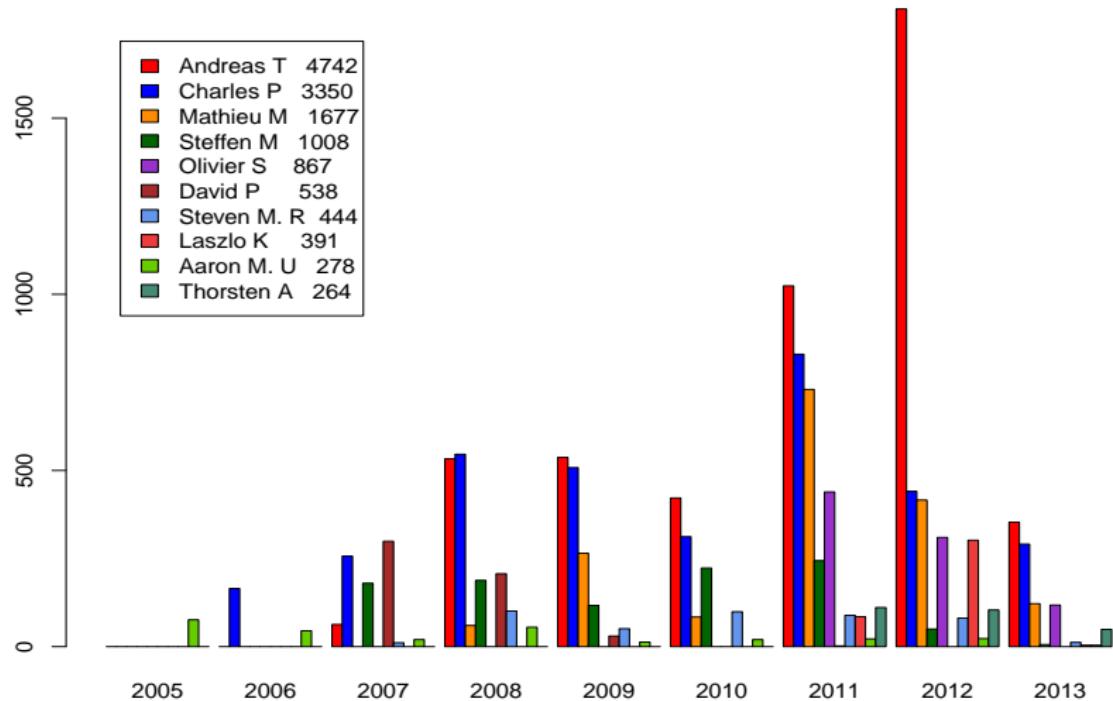
# Top 10 People discussing on Debian Med mailing list



# Top 10 bug hunters of Debian Med packages



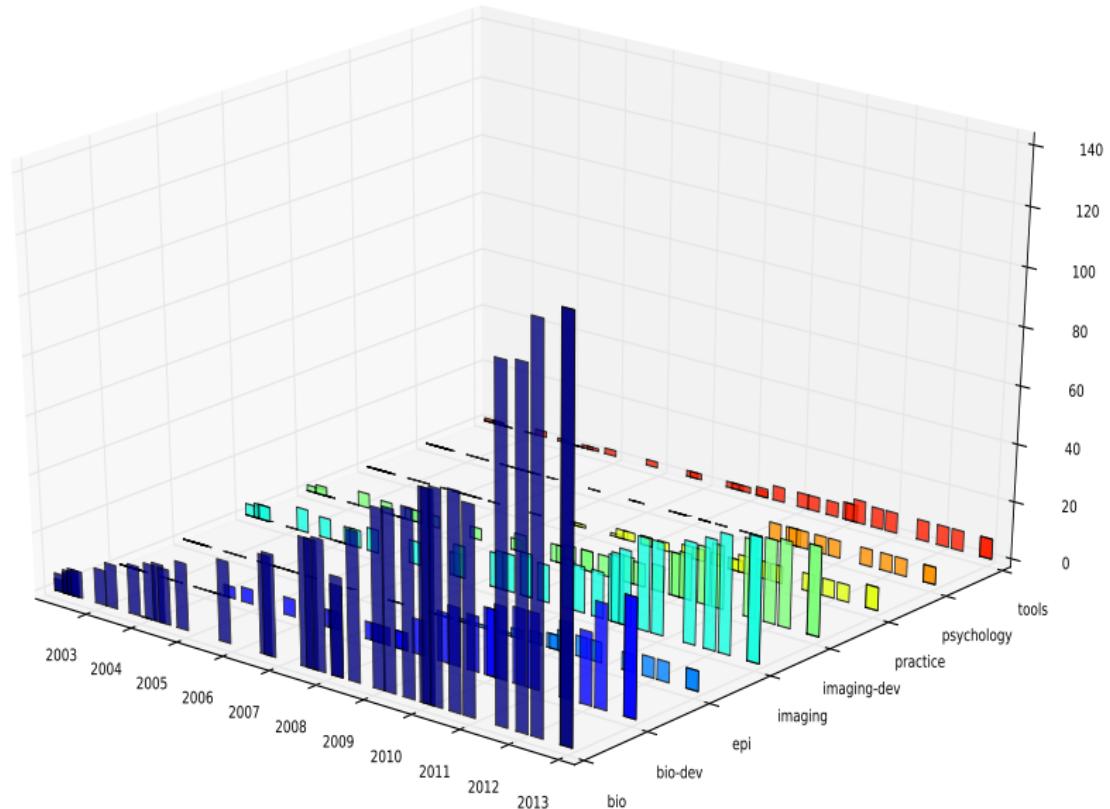
# Top 10 committers to Debian Med VCS



# Team

*Waking up in the morning and realising  
that somebody else has solved your  
problem from yesterday*

# Number of Packages in selected tasks



# Healthy growth

- 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

- 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

- 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

- 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

- 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

This talk is available at



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

Andreas Tille <tille@debian.org>