

Getting your packages into Debian

David Bremner

9 July 2012

based on notes by Asheesh Laroia, Arno Töll, and Nicolas Dandrimont, shameless cribbing from mailing lists, and stuff I just made up

This is not a lecture

What's it about?

Getting packages *sponsored*, i.e uploaded Debian for people without keys in the uploading keyring.

This is not a lecture

What's it about?

Getting packages *sponsored*, i.e uploaded Debian for people without keys in the uploading keyring.

What's the plan?

I have some slides to fill the awkward silences. It would be great if I *fail* to make it to the end of my slides, because we find more interesting things to talk about.

This is not a lecture

What's it about?

Getting packages *sponsored*, i.e uploaded Debian for people without keys in the uploading keyring.

What's the plan?

I have some slides to fill the awkward silences. It would be great if I *fail* to make it to the end of my slides, because we find more interesting things to talk about.

How to help with notes/minutes

```
apt-get install gobby # gobby-infinote pre-wheezy  
gobby -c gobby.debian.org # gobby-0.5 pre-wheezy  
debconf12/bof/packages-into-debian
```

Context

Packages in Sid

Total source packages:	18790
Sponsored source packages including NMUs:	3141
Sponsored source packages excluding NMUs:	3036

Notes: Thanks to Stuart Prescott <jr6344\$1kp\$1@dough.gmane.org>

Context

Packages in Sid

Total source packages:	18790
Sponsored source packages including NMUs:	3141
Sponsored source packages excluding NMUs:	3036

Packagers

Total active DDs:	946
Total DMs in keyring:	178
Total sponsored people:	906

Notes: Thanks to Stuart Prescott <jr6344\$1kp\$1@dough.gmane.org>

Context

Packages in Sid

Total source packages:	18790
Sponsored source packages including NMUs:	3141
Sponsored source packages excluding NMUs:	3036

Packagers

Total active DDs:	946
Total DMs in keyring:	178
Total sponsored people:	906

In the room?

- ▶ How many (potential) sponsorees?
- ▶ How many sponsors?

Notes: Thanks to Stuart Prescott <jr6344\$1kp\$1@dough.gmane.org>

Uploading: Big Picture

Prepare Close your browser, open a terminal. Yes, I know it's a shock, but we like it.

Uploading: Big Picture

Prepare Close your browser, open a terminal. Yes, I know it's a shock, but we like it.

ITP For new packages. `reportbug wnpp`

Uploading: Big Picture

Prepare Close your browser, open a terminal. Yes, I know it's a shock, but we like it.

ITP For new packages. `reportbug wnpp`

go package Get help from `#debian-mentors`. Possibly feedback from ITP, probably not positive.

Uploading: Big Picture

Prepare Close your browser, open a terminal. Yes, I know it's a shock, but we like it.

ITP For new packages. `reportbug wnpp`

go package Get help from `#debian-mentors`. Possibly feedback from ITP, probably not positive.

mentors.debian.net Upload, qa checks.

Uploading: Big Picture

Prepare Close your browser, open a terminal. Yes, I know it's a shock, but we like it.

ITP For new packages. `reportbug wnpp`

go package Get help from `#debian-mentors`. Possibly feedback from ITP, probably not positive.

mentors.debian.net Upload, qa checks.

RFS Now with BTS fun

Uploading: Big Picture

Prepare Close your browser, open a terminal. Yes, I know it's a shock, but we like it.

ITP For new packages. `reportbug wnpp`

go package Get help from `#debian-mentors`. Possibly feedback from ITP, probably not positive.

mentors.debian.net Upload, qa checks.

RFS Now with BTS fun

Wait/Revise Typically lots of packaging help on `debian-mentors` list

Uploading: Big Picture

Prepare Close your browser, open a terminal. Yes, I know it's a shock, but we like it.

ITP For new packages. `reportbug wnpp`

go package Get help from `#debian-mentors`. Possibly feedback from ITP, probably not positive.

mentors.debian.net Upload, qa checks.

RFS Now with BTS fun

Wait/Revise Typically lots of packaging help on `debian-mentors` list

Uploaded or not.

What packages belong in Debian?

- ▶ ITPs serve two (somewhat conflicting) roles

What packages belong in Debian?

- ▶ ITPs serve two (somewhat conflicting) roles
 - ▶ Sanity check incoming packages

What packages belong in Debian?

- ▶ ITPs serve two (somewhat conflicting) roles
 - ▶ Sanity check incoming packages
 - ▶ First contact of new contributors with the Debian community.

What packages belong in Debian?

- ▶ ITPs serve two (somewhat conflicting) roles
 - ▶ Sanity check incoming packages
 - ▶ First contact of new contributors with the Debian community.
- ▶ Recent discussion about the broader question of what kind of filtering of incoming packages is appropriate:
<20120628144210.GJ14680@sliepen.org>

What packages belong in Debian?

- ▶ ITPs serve two (somewhat conflicting) roles
 - ▶ Sanity check incoming packages
 - ▶ First contact of new contributors with the Debian community.
- ▶ Recent discussion about the broader question of what kind of filtering of incoming packages is appropriate:
<20120628144210.GJ14680@sliepen.org>
- ▶ Closing RFS's is another (fairly rarely used) feedback mechanism

Tracking sponsorship requests in the BTS

HowTo

- ▶ `reportbug sponsorship-requests`
- ▶ Severity:
 - `important` RC bug fixes
 - `normal` updates of existing packages
 - `wishlist` new packages

Notes: Yes, most of us hate control messages on the list too. This should be improved soon.

Tracking sponsorship requests in the BTS

HowTo

- ▶ `reportbug sponsorship-requests`
- ▶ Severity:
 - `important` RC bug fixes
 - `normal` updates of existing packages
 - `wishlist` new packages

After 6 months

Type	Outstanding	Uploaded	closed
RC fixes	1	28	
Updates	44	172	
New packages	83	69?	5?

Notes: Yes, most of us hate control messages on the list too. This should be improved soon.

mentors.debian.net: The present

- ▶ New software

```
git://anonscm.debian.org/debexpo/debexpo.git
```

mentors.debian.net: The present

- ▶ New software
`git://anonscm.debian.org/debexpo/debexpo.git`
- ▶ Active maintenance team: Led by Arno Töll and Nicolas Dandrimont, with contributions by 15 others in the past year.

mentors.debian.net: The present

- ▶ New software
`git://anonscm.debian.org/debexpo/debexpo.git`
- ▶ Active maintenance team: Led by Arno Töll and Nicolas Dandrimont, with contributions by 15 others in the past year.
- ▶ Written in python and pylons, looking for more contributors.

mentors.debian.net: The present

- ▶ New software
`git://anonscm.debian.org/debexpo/debexpo.git`
- ▶ Active maintenance team: Led by Arno Töll and Nicolas Dandrimont, with contributions by 15 others in the past year.
- ▶ Written in python and pylons, looking for more contributors.
- ▶ Has all features of old mentors.debian.net

mentors.debian.net: The present

- ▶ New software
`git://anonscm.debian.org/debexpo/debexpo.git`
- ▶ Active maintenance team: Led by Arno Töll and Nicolas Dandrimont, with contributions by 15 others in the past year.
- ▶ Written in python and pylons, looking for more contributors.
- ▶ Has all features of old mentors.debian.net
- ▶ Runs a set of QA checks

mentors.debian.net: The present

- ▶ New software
`git://anonscm.debian.org/debexpo/debexpo.git`
- ▶ Active maintenance team: Led by Arno Töll and Nicolas Dandrimont, with contributions by 15 others in the past year.
- ▶ Written in python and pylons, looking for more contributors.
- ▶ Has all features of old mentors.debian.net
- ▶ Runs a set of QA checks
- ▶ Packages are removed on upload to unstable.

mentors.debian.net: The future

GSOC: Clément Schreiner

- ▶ Analysis of packages uploaded to debexpo using, among others, debtags heuristics
- ▶ writing automatic package ↔ prospective sponsor matching heuristics

mentors.debian.net: The future

GSOC: Clément Schreiner

- ▶ Analysis of packages uploaded to debexpo using, among others, debtags heuristics
- ▶ writing automatic package ↔ prospective sponsor matching heuristics

GSOC: Baptiste Mouterde

- ▶ Integration of the sponsorship-requests pseudo-package into Debexpo
- ▶ On-line Code browser with inline commenting
- ▶ Two-way interaction with the debian-mentors mailing list
- ▶ Integrate team-specific sponsoring

mentors.debian.org?

- ▶ stalled before because of distributability questions
- ▶ a solution involving some safe harbour (DMCA?) is currently being investigated with SPI lawyers.