

A quick tour around Debian Contributors

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What is Debian Contributors?

- A website with a list of people contributing to the Debian Project.
- A software infrastructure to gather data from different sources.
- A project to make non-packaging contributions more visible in Debian.
- A “new hat”: you get/lose it depending not on your acquired reputation...
 - ...but on your actual contributions.
- A tool to help the Debian New Member process, and teams.

Quick info

- Website: contributors.debian.org
- Source code: <http://anonscm.debian.org/gitweb/?p=nm/dc.git>
- Authors: Enrico Zini, New Members Front Desk team.
- Technologies used: Django, JSON.
- More info: <https://wiki.debian.org/DebianContributors/DcDocs>

Data sources

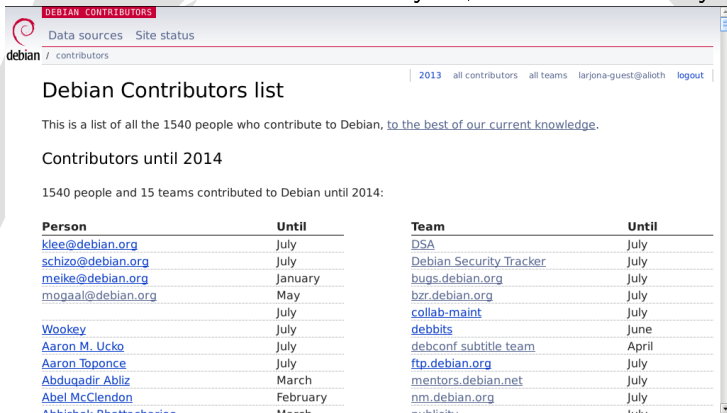
- JSON structure with array of people IDs, and contributions (type, date)
- Defined in contributors.debian.org website
- Data mined and pushed using dc-tool (e.g. with a cron job)

The dc-tool: data mining (I)

- Lots of data mining methods
 - Files, gitdirs, svndirs
 - Gitlogs, mailfrom, postgres (SQL query)
- Template to build an URL pointing to contribution details
- Some other options (select dirs, blacklist/whitelist addresses...)
- The sender only needs to define data source and mining method
 - No coding skills required for many data sources
 - Some coding skills required to adapt other sources

Results: contributors.debian.org

- List of contributors for current year, and whole history



The screenshot shows the 'DEBIAN CONTRIBUTORS' page. At the top, there's a navigation bar with 'Data sources' and 'Site status'. Below it, the page title is 'Debian Contributors list'. A breadcrumb trail shows '2013' as the selected year, with links for 'all contributors', 'all teams', 'larjona-guest@alioth', and 'logout'. The main text states: 'This is a list of all the 1540 people who contribute to Debian, [to the best of our current knowledge.](#)' Below this, it says 'Contributors until 2014' and '1540 people and 15 teams contributed to Debian until 2014:'. There are two tables: one for 'Person' and one for 'Team', both with columns for the contributor name and the year they contributed 'Until'.


Person	Until
klee@debian.org	July
schizo@debian.org	July
meike@debian.org	January
mogaal@debian.org	May
	July
Wookey	July
Aaron M. Ucko	July
Aaron Toponce	July
Abduqadir Abliz	March
Abel McClendon	February
Abhikesh Bhattacharya	March

Team	Until
DSA	July
Debian Security Tracker	July
bugs.debian.org	July
bazaar.debian.org	July
collab-maint	July
debbits	June
debconf subtitle team	April
ftp.debian.org	July
mentors.debian.net	July
nm.debian.org	July
publiclib	July

Results: Data Sources (I)

- List of teams/data sources

DEBIAN CONTRIBUTORS

Data sources Site status

debian / contributors

Export all sources to JSON

larjona-guest@alioth

logout

Debian Contributors data sources

This is a list of all the data sources that feed the Debian Contributors list. To create a new one, see [here](#) and [here](#).

Name	Description	Last submission	Latest contribution	Admins	Actions
DSA	Debian System Administration	12 hours, 11 minutes ago	1 day, 11 hours ago	zobel@debian	
Debian Security Tracker	Keep track of vulnerabilities in Debian.	23 hours, 42 minutes ago	1 day, 11 hours ago	federico-guest@alioth	
bugs.debian.org	[proof of concept] Debian bug tracking system	7 hours, 12 minutes ago	11 hours, 13 minutes ago	sim6-guest@alioth	
bzr.debian.org	bzr.debian.org committers	6 hours, 9 minutes ago	1 day, 11 hours ago	asb@debian	
collab-maint	Collaborative Maintenance of Debian packages	11 hours, 30 minutes ago	1 day, 11 hours ago	enrico@debian	

Results: Data Sources (II)

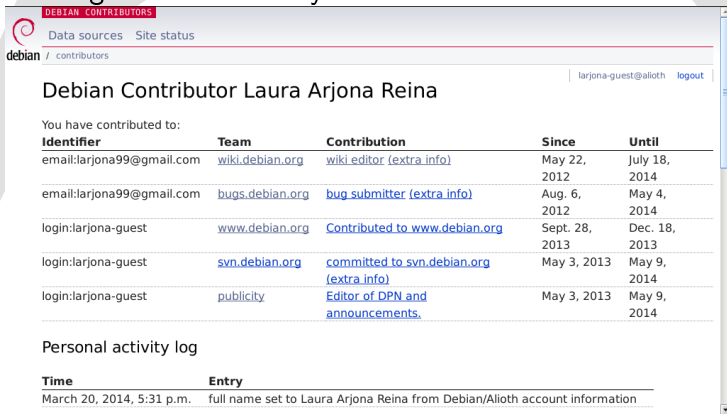
- 16 data sources already handled
 - Debian System Administration, Security Tracker, BTS
 - Bazaar, Subversion and Git committers
 - Collaborative Maintenance of packages, Package uploaders
 - Mentors and New Members Frondesk
 - Blog authors, Video subtitling, Publicity, Spam review
 - Wiki and Website editors.

Results: Proposed Data Sources

- 8 data sources proposed to implement
 - Debconf participation, Debian Perl team, Debian blends
 - Translations of packages and website, of manuals and documentation, of package descriptions, of debian installer
 - Voters
- Some sources need a bit of tweaking, others just adopt them using dc-tool

Results: Contributor Dashboard (I)

- The system matches emails, login, PGP keys, UIDs
- Coming feature: identity claim



The screenshot shows the 'DEBIAN CONTRIBUTORS' dashboard for the user 'larjona-guest@alioth'. The page title is 'Debian Contributor Laura Arjona Reina'. Below the title, it states 'You have contributed to:' followed by a table of contributions. The table has five columns: Identifier, Team, Contribution, Since, and Until. The contributions listed are for wiki.debian.org, bugs.debian.org, www.debian.org, svn.debian.org, and publicity. Below the table, there is a section for 'Personal activity log' with a table showing a recent activity on March 20, 2014, at 5:31 p.m., where the full name was set to 'Laura Arjona Reina'.

DEBIAN CONTRIBUTORS

Data sources Site status

debian / contributors

larjona-guest@alioth logout

Debian Contributor Laura Arjona Reina

You have contributed to:

Identifier	Team	Contribution	Since	Until
email:larjona99@gmail.com	wiki.debian.org	wiki editor (extra info)	May 22, 2012	July 18, 2014
email:larjona99@gmail.com	bugs.debian.org	bug submitter (extra info)	Aug. 6, 2012	May 4, 2014
login:larjona-guest	www.debian.org	Contributed to www.debian.org	Sept. 28, 2013	Dec. 18, 2013
login:larjona-guest	svn.debian.org	committed to svn.debian.org (extra info)	May 3, 2013	May 9, 2014
login:larjona-guest	publicity	Editor of DPN and announcements.	May 3, 2013	May 9, 2014

Personal activity log

Time	Entry
March 20, 2014, 5:31 p.m.	full name set to Laura Arjona Reina from Debian/Alioth account information

Results: Contributor Dashboard (II)

- Settings to control which info is shown/hidden

Jan. 11, 2014, 2:58 a.m. auto-associated to larjona-guest

Settings

User information

Full name:

User visibility

☐ hide all activity from this user

☐ hide all activity from email "larjona99@gmail.com"

☐ hide all activity from login "larjona-guest"

Hidden contributions

No teams are currently hidden.

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Further work

- Include people not having @debian nor Alioth account
 - Identity claim, opt-in system
- Promotion inside the project
 - More data sources
 - Teams involvement
- Publicity outside the project

Why not using it in other projects?

- Adopt the goal: making diversity skills more visible
- Use the methodology and the code, if you like it
- Any kind of feedback is really appreciated

Take away

- Debian contributors improves the perception of the Debian project
 - Diverse skills more visible
 - More accurate info, automated tools, distributed maintenance
- Website: contributors.debian.org
- Documentation: wiki.debian.org/DebianContributors/DcDocs
- Contact: Laura Arjona, Enrico Zini
- Thanks!
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