



I'm a programmer. How can I help Debian?

Antonio Terceiro



A Christmas story



terceiro@lemur: /home/terceiro/src/debian/ci/debci 80x24


debci (master) \$ rspec

.....
.....
.....
.....

Finished in 1.7 seconds (files took 1.77 seconds to load)

251 examples, 0 failures

Coverage report generated for RSpec to /home/terceiro/src/debian/ci/debci/coverage. 1162 / 1323 LOC (87.83%) covered.

debci (master) \$ 

I really like automated testing



Will you *bee* with us next year?

Deb Conf 20
August 2020 in Haifa, Israel

♪ Buster makes us feel good! ♪

Photo by: Jürgen Holmann - <https://www.juergen-holmann.org>
License: CC BY-SA 4.0

I also really like Debian

Then I got to know the word of autopkgtest(1)

- automatic as-installed testing for Debian packages.
- Started by Ian Jackson in/for Ubuntu in 2006 (!).
- Later maintained by Martin Pitt.
- In 2013 there were ~100 packages with autopkgtest support in the Debian archive.
- “*Someone* should create a service to run autopkgtest on the entire archive”.



ci.debian.net is born in late 2013

autopkgtest support in Debian after 5+ years

unstable/amd64

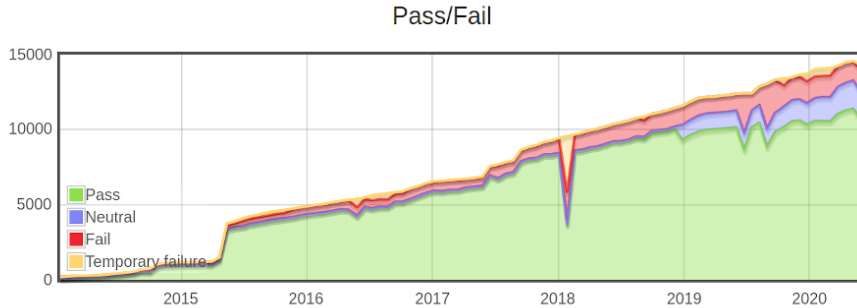


Figure 1:

origami-pdf

PDF analysis and manipulation tool

action needed

▼ Debci reports failed tests	high
▼ Problems while searching for a new upstream version	high
▼ A new upstream version is available: 2.1.0	high
▼ The VCS repository is not up to date, push the missing commits.	high
▼ Standards version of the package is outdated.	high
▼ The package has not entered testing even though the delay is over	normal
▼ lintian reports 18 warnings	normal

testing migrations

excuses:

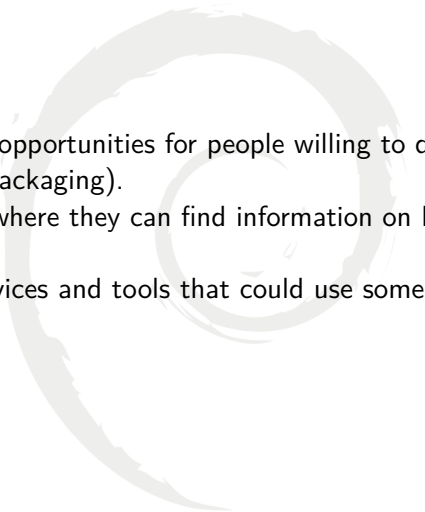
- Migration status for origami-pdf (- to 2.0.0-1): BLOCKED: Rejected/violates migration policy/introduces a regression
- Issues preventing migration:
- Updating origami-pdf introduces new bugs: [#951248](#)
- autopktest for origami-pdf/2.0.0-1: [amd64: Regression](#) ↻ , [arm64: Regression](#) ↻
- Additional info:
- Piuparts tested OK - <https://piuparts.debian.org/sid/source/o/origami-pdf.html>
- 1307 days old (needed 5 days)
- Not considered

news



- [2019-09-16] origami-pdf REMOVED from testing (Debian testing watch)
- [2019-01-09] Accepted origami-pdf 2.1.0-1~exp1 (source) into experimental (Cédric Boutillier)
- [2016-11-04] origami-pdf 2.0.0-1 MIGRATED to testing (Debian testing watch)
- [2016-10-28] Accepted origami-pdf 2.0.0-1 (source) into unstable (Antonio Terceiro)
- [2015-12-09] origami-pdf 1.2.7-3 MIGRATED to testing (Debian testing watch)
- [2015-12-03] Accepted origami-pdf 1.2.7-3 (source) into unstable (Antonio Terceiro)
- [2015-06-21] origami-pdf 1.2.7-2 MIGRATED to testing (Britney)
- [2015-06-12] Accepted origami-pdf 1.2.7-2 (source all) into unstable, unstable (Antonio Terceiro)

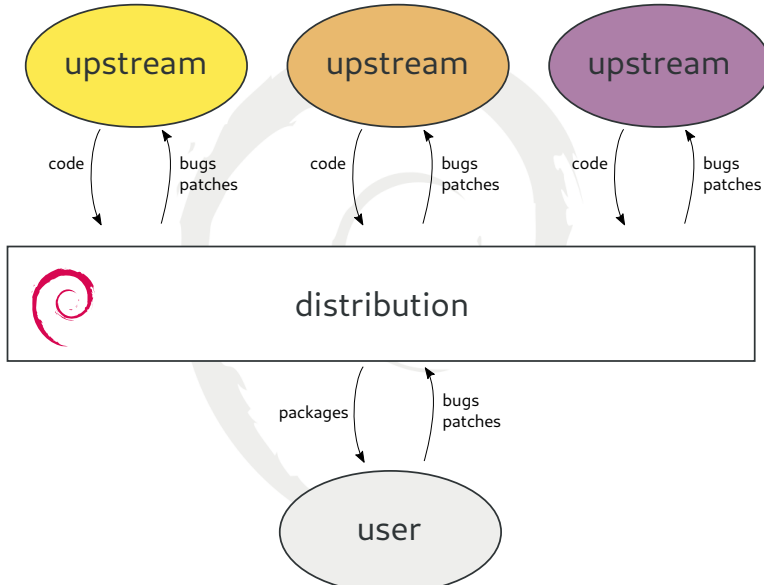
- Well maintained; slow but steady progress.
- Lots of issues to be fixed and possible improvements to be made across the platform.
 - debci.
 - autopkgtest.
 - autodep8.
- Bus factor:
 - System maintenance: 2
 - Code: 1

- 
- Present contribution opportunities for people willing to do pure programming work (i.e. not necessarily packaging).
 - Point newcomers to where they can find information on how to contribute to these sub-projects.
 - Highlight Debian services and tools that could use some help.

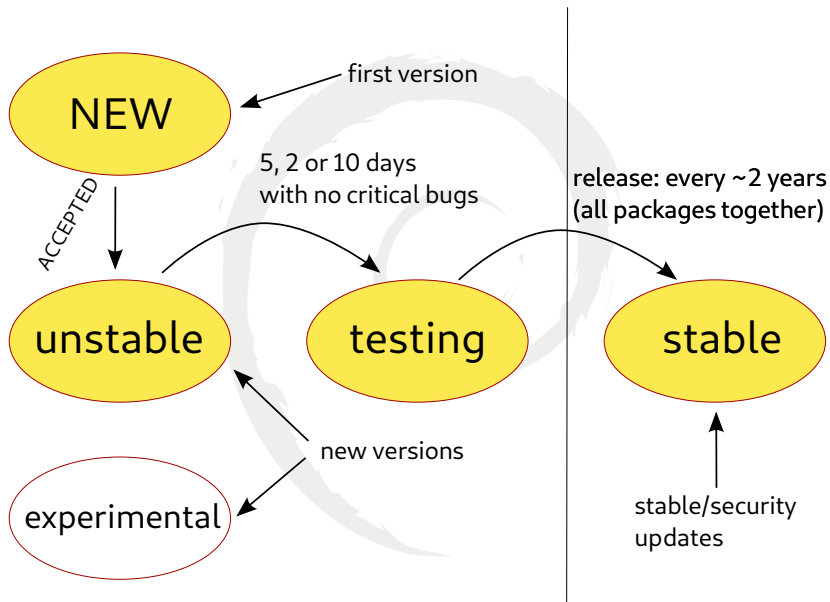


How Debian works

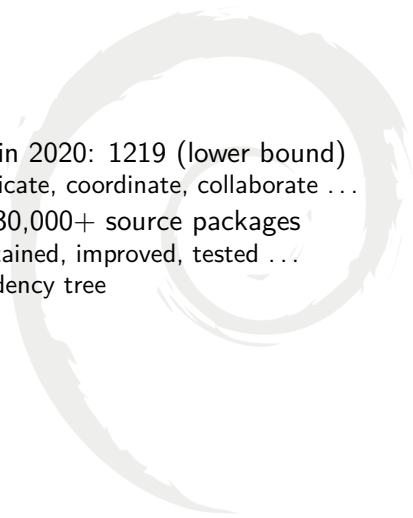
How a distribution works



The Debian release cycle



The scale of Debian (as of May 2020)

- Unique contributors in 2020: 1219 (lower bound)
 - Need to communicate, coordinate, collaborate ...
 - Size of the archive: 30,000+ source packages
 - Need to be maintained, improved, tested ...
 - Very large dependency tree
- 

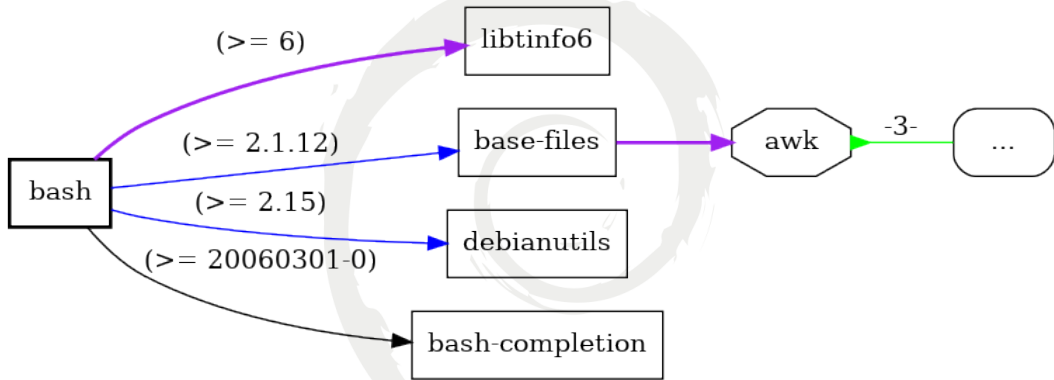


Figure 4:

asciidoctor dependency tree

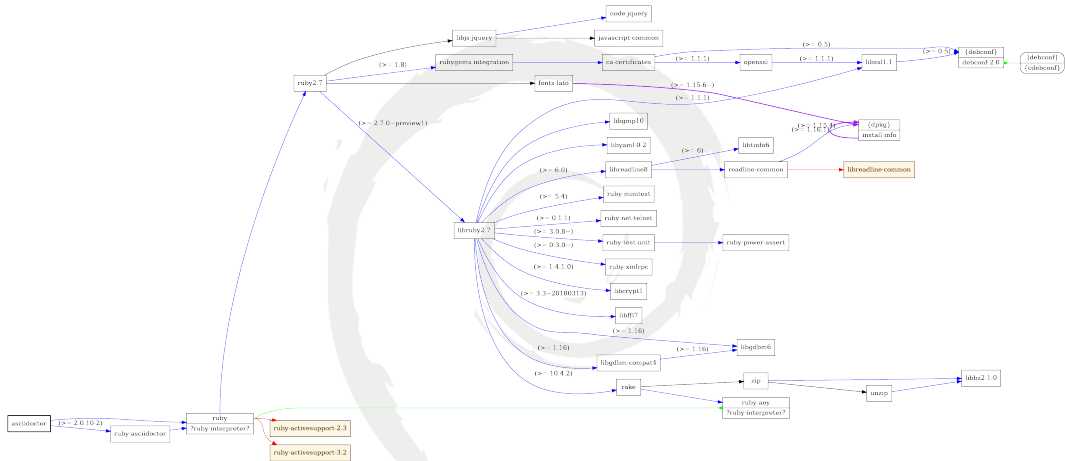


Figure 5:

The ongoing work of putting Debian together

- A lot of work goes into keeping that ecosystem healthy
- Packages need to
 - Be installable;
 - Build from source;
 - Receive security updates;
 - Not have release critical bugs;
 - Have an acceptable quality overall.
 - ...
- Every time a package is updated it's possible that update causes problems for packages that depend on it
- Humanly impossible to keep track of everything
 - We need services and tools
 - That then need to be maintained, fixed, improved, tested ...



How you can help

- I will highlight some projects based on a call sent to debian-project (and my own stuff of course).
- This does not mean these are the only projects in Debian that need help.
- **Everything** in Debian needs help!
 - “Technical”: packages, services, tools, ports ...
 - “Non-technical”: publicity, community, events, translation, ...
 - Programming happens to be the focus of this particular talk.
- List of Debian services: <https://wiki.debian.org/Services>.

- First step: get a development instance running locally.
- You do not need permission to read the source, study how it works, and trying to fix bugs or make improvements (this is free software after all)
 - For larger changes, it's better to discuss first
- To get help, use available contact information, or [Debian Mentors](#) if you can't find contacts or are otherwise stuck.
- Bear in mind that people are busy, so you might not get an immediate answer. Be patient.



Some projects that could use your help

ci.debian.net: Debian Continuous Integration



Debian Continuous Integration

[Home](#)

[Status](#)

[Documentation](#)

[API](#)

[Data](#)

[Self Service](#)

[d](#) / [debci](#) / testing/amd64

debci [testing/amd64]



Tracker

Excuses

Bug Reports

Legend:

Test with packages from *testing* only

Test with packages from other suites

Version	Date	Trigger/Pinned packages	Duration	Status	Requestor	Results
2.12.2	2020-05-27 10:38:09 UTC	<i>redir/3.3-1</i> src:redir from unstable	10m 22s	👍 pass	🔄 britney	test log (44.2 KB) artifacts (4.16 KB)
2.12.2	2020-05-25 21:20:20 UTC	<i>lxc/1:4.0.2-1</i> src:lxc from unstable	11m 35s	👍 pass	🔄 britney	test log (44.7 KB) artifacts (4.17 KB)
2.12.2	2020-05-25 19:29:34 UTC	<i>migration-reference/0</i>	9m 59s	👍 pass	🔄 britney	test log (43.9 KB) artifacts (4.17 KB)
2.12.2	2020-05-23 21:17:29 UTC	<i>autodep8/0.23</i> src:autodep8 from unstable	10m 26s	👍 pass	🔄 britney	test log (44.6 KB) artifacts (4.17 KB)
2.12.2	2020-05-23 17:29:16 UTC	<i>netcat-openbsd/1.217-1</i> src:netcat-openbsd from unstable	10m 33s	👍 pass	🔄 britney	test log (44.5 KB) artifacts (4.16 KB)
2.12.2	2020-05-23 06:13:15 UTC	<i>netcat-openbsd/1.217-1</i> src:netcat-openbsd from unstable	2h 51m 31s	👎 fail	🔄 britney	test log (45.9 KB) artifacts (4.2 KB)
2.12.2	2020-05-18 10:00:03 UTC	<i>rabbitmq-server/3.8.3-1</i> src:rabbitmq-server from unstable	10m 26s	👍 pass	🔄 britney	test log (44.1 KB) artifacts (4.17 KB)

- **Type:** service/tool
- **Programming Language(s):** Ruby, Shell, Chef™
- **Link:**
 - Service: <https://ci.debian.net/>
 - Source code: <https://salsa.debian.org/ci-team/debci>
- **Contact:**
 - IRC: #debci (OFTC)
 - Mailing List: debian-ci@lists.debian.org

dose3: dependency analyzer, used by QA and buildbots



About Debian Getting Debian Support Developers' Corner

debian / debian quality assurance

Packages not installable in scenario testing_main

In a pair n/m , n is the number of packages that are build for that architecture, m is the number of packages with Architecture=all.

Summary for the last 7 days

Date	amd64	arm64	armel	armhf	i386	mips64el	mipsel	ppc64el	s390x	some	each
Today's Weather:											
2020-05-28 05:00:02	0/1	0/44	0/1742	0/133	0/19	0/455	0/186	0/84	0/158	0/2166	0/1
Diff	+0/0 -0/0	+0/0 -0/0	+0/2 -0/1	+0/0 -0/0	+0/0 -0/0	+0/2 -0/0	+0/0 -0/0	+0/2 -0/0	+0/2 -0/0	+0/2 -0/1	+0/0 -0/0
2020-05-27 05:00:02	0/1	0/44	0/1741	0/133	0/19	0/453	0/186	0/82	0/156	0/2165	0/1
Diff	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0
2020-05-26 05:00:02	0/1	0/44	0/1741	0/133	0/19	0/453	0/186	0/82	0/156	0/2165	0/1
Diff	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/1 -0/0	+0/0 -0/0	+0/0 -0/0	+0/1 -0/0	+0/1 -0/0	+0/0 -0/0
2020-05-25 05:00:02	0/1	0/44	0/1741	0/133	0/19	0/452	0/186	0/82	0/155	0/2164	0/1
Diff	+0/0 -0/0	+0/0 -0/0	+0/1 -0/2	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/1 -0/2	+0/0 -0/0
2020-05-24 05:00:01	0/1	0/44	0/1742	0/133	0/19	0/452	0/186	0/82	0/155	0/2165	0/1
Diff	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0
2020-05-23 05:00:02	0/1	0/44	0/1742	0/133	0/19	0/452	0/186	0/82	0/155	0/2165	0/1
Diff	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0	+0/0 -0/0
2020-05-22 05:00:02	0/1	0/44	0/1742	0/133	0/19	0/452	0/186	0/82	0/155	0/2165	0/1

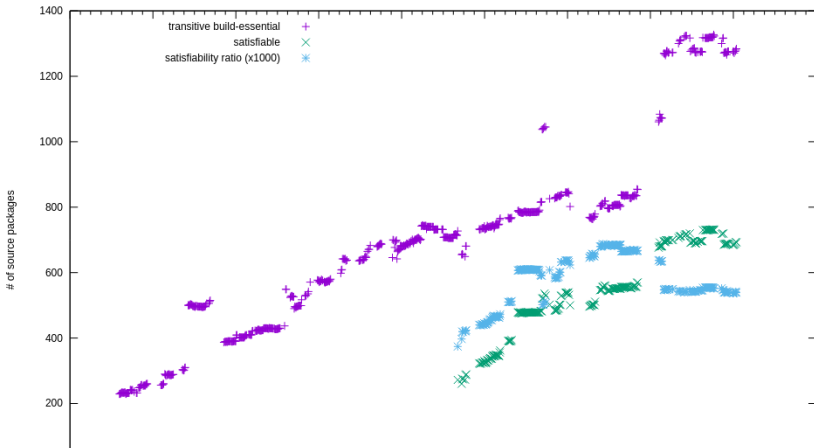
- **Project:** dose3
- **Type:** tool/service
- **Programming Language(s):** OCaml
- **Link:**
 - Tool: <https://gitlab.com/irill/dose3>
 - Debian QA service: <https://salsa.debian.org/qa/dose>
- **Contact:**
 - Johannes 'josch' Schauer
 - email: josch@debian.org
 - IRC: josch on IRC (OFTC) (channel #debian-qa)

botch: dependency graph analyzer, used by bootstrap.d.n

The data was generated using Packages and Sources files from snapshot.debian.org, doing the analysis from 2005-03-12 to now, using a 5-day interval.

The analysis was not done on all of Debian sid but only on the packages that form the dependency closure of build-essential. For a list, read essential.html or download a machine readable version from here.

The graph shows the absolute number of source packages in red and the absolute number of source packages that satisfy their cross build dependencies in green



- **Project:** botch
- **Type:** tool
- **Programming Language(s):** OCaml
- **Link:**
 - <https://gitlab.mister-muffin.de/debian-bootstrap/botch>
- **Contact:**
 - Johannes 'josch' Schauer (josch@debian.org)
 - josch on IRC (OFTC) (channel #debian-qa)



devscripts

scripts to make the life of a Debian Package maintainer easier

[Go](#)[Register](#) | [Log in](#)[Subscribe](#)

general

source: [devscripts](#) (main)

version: 2.20.3

maintainer: [Devscripts Maintainers](#) (DMD)

uploaders: [Pierre-Elliott Bécue](#) (DMD) - [Mattia Rizzolo](#) (DMD)

arch: any

std-ver: 4.5.0

VCS: [Git](#) ([Browse](#), [QA](#))

versions

o-o-stable: 2.15.3+
[deb8u1](#)

o-o-sec: 2.15.3+
[deb8u1](#)

oldstable: 2.17.6+
[deb9u2](#)

old-bpo: 2.19.5+
[deb10u1~bpo9+2](#)

stable: 2.19.5+
[deb10u1](#)

stable-bpo: 2.20.3~
[bpo10+1](#)

testing: 2.20.3

unstable: 2.20.3

action needed

▼ 45 bugs tagged patch in the [BTS](#) normal

▼ Depends on packages which need a new maintainer

▼ version in VCS is newer than in repository, is it time to upload? normal

▼ lintian reports 3 warnings normal

▼ RFH: The maintainer is looking for help with this package. normal

news

[2020-05-03] [Accepted devscripts 2.20.3~bpo10+1 \(source\) into buster-backports](#) (Mattia Rizzolo)

[2020-05-01] [devscripts 2.20.3 MIGRATED to testing](#) (Debian testing watch)

[2020-04-25] [Accepted devscripts 2.20.3 \(source\) into unstable](#) (Mattia Rizzolo)

[2020-02-21] [Accepted devscripts 2.20.2~bpo10+1 \(source\) into buster-backports](#) (Mattia Rizzolo)

[2020-02-12] [devscripts 2.20.2 MIGRATED to testing](#) (Debian testing watch)

[2020-02-05] [Accepted devscripts 2.20.2 \(source\) into unstable](#) (Mattia Rizzolo)

[2020-01-31] [Accepted devscripts 2.20.1 \(source\) into unstable](#) (Mattia Rizzolo)

[2019-10-31] [Accepted devscripts 2.19.7~bpo10+1 \(source\) into buster-backports](#) (Mattia Rizzolo)

[2019-10-24] [devscripts 2.19.7 MIGRATED to testing](#)

bugs

all: 423 409

RC: 1

I&N: 133 128

M&W: 284 275

F&P: 5

patch: 47 45

NC: 1

links

[lintian](#) (0, 3)

[build](#): logs, clang, reproducibility, cross

[popcon](#)

[browse source code](#)

[edit tags](#)

[security tracker](#)

[screenshots](#)

[l10n](#) (95, -)

[debci](#)

ubuntu

version: 2.20.3ubuntu1

- **Project:** devscripts
- **Type:** tool
- **Programming Language(s):** Shell, Python, **Perl**
- **Link:** <https://salsa.debian.org/debian/devscripts>
- **Contact:**
 - IRC: #devscripts on IRC (OFTC)



licensecheck

simple license checker for source files

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general

source: [licensecheck](#)
(main)

version: 3.0.47-1

maintainer: [Debian Perl Group](#) (archive) (DMD)
(LowNMU)

uploaders: [Jonas Smedegaard](#) (DMD)

arch: all

std-ver: 4.5.0

VCS: [Git](#) ([Browse](#), [QA](#))

versions

oldstable: 3.0.29-1

stable: 3.0.31-3

testing: 3.0.47-1

unstable: 3.0.47-1

versioned links

3.0.29-1: [📄](#) [📦](#) [🔍](#) [🔗](#) [🔗](#)

3.0.31-3: [📄](#) [📦](#) [🔍](#) [🔗](#) [🔗](#)

3.0.47-1: [📄](#) [📦](#) [🔍](#) [🔗](#) [🔗](#)

binaries

action needed

✓ A new upstream version is available: [3.1.1](#)

high

✓ 2 bugs tagged patch in the [BTS](#)

normal

news

[2020-05-20] [licensecheck 3.0.47-1](#) MIGRATED to testing
(Debian testing watch)

[2020-05-17] [Accepted licensecheck 3.0.47-1 \(source\)](#)
[into unstable](#) (Jonas Smedegaard)

[2020-03-16] [licensecheck 3.0.46-1](#) MIGRATED to testing
(Debian testing watch)

[2020-03-14] [Accepted licensecheck 3.0.46-1 \(source\)](#)
[into unstable](#) (Jonas Smedegaard)

[2020-03-11] [licensecheck 3.0.45-1](#) MIGRATED to testing
(Debian testing watch)

[2020-02-21] [Accepted licensecheck 3.0.45-1 \(source\)](#)
[into unstable](#) (Jonas Smedegaard)

[2020-02-13] [licensecheck 3.0.44-1](#) MIGRATED to testing
(Debian testing watch)

[2020-02-10] [Accepted licensecheck 3.0.44-1 \(source\)](#)
[into unstable](#) (Jonas Smedegaard)

[2020-02-04] [licensecheck 3.0.42-1](#) MIGRATED to testing
(Debian testing watch)

[2020-02-01] [Accepted licensecheck 3.0.42-1 \(source\)](#)
[into unstable](#) (Jonas Smedegaard)

[2020-01-30] [Accepted licensecheck 3.0.41-1 \(source\)](#)
[into unstable](#) (Jonas Smedegaard)

bugs



all: 40 37

RC: 0

I&N: 16 15

M&W: 22 20

F&P: 2

patch: 2

links

[homepage](#)

[build: logs, clang, reproducibility](#)

[popcon](#)

[browse source code](#)

[edit tags](#)

[screenshots](#)

[debci](#)


ubuntu



version: 3.0.47-1

[3 bugs](#)

- **Project:** licensecheck
- **Type:** tool
- **Programming Language(s):** Perl
- **Link:** <https://salsa.debian.org/perl-team/modules/packages/licensecheck>
- **Contact:**
 - Jonas Smedegaard (dr@jones.dk)

 **KEYRING**

[About Debian](#) [Getting Debian](#) [Support](#) [Developers' Corner](#)

debian / keyring.debian.org

Debian Public Key Server

This public key server provides simple HKP *lookup* and *add* requests for Debian developer and maintainer public keys.

The server may be accessed with [gpg](#) by using the `--keyserver` option in combination with either of the `--recv-keys` or `--send-keys` actions.

Please note that this server is meant only for basic key retrieve/update operation, and does not implement search functionality. To search for a specific Debian Developer, use the [Developer LDAP Search](#) interface.

Only keys in the Debian keyrings (ie those for DDs and DMs) will be returned by this server and only pre-existing keys will be updated, although a copy of all updates will be forwarded to [the keyserver network](#).

You can use the keyring server for the following purposes:

Fetch a key

Once you know the key's ID, just ask the server for it:


```
$ gpg --keyserver keyring.debian.org --recv-keys 0x673A03E4C1DB921F
```

Debian keys may also be retrieved by using the form at db.debian.org or:

```
finger user@db.debian.org
```

Update your key expiry, add/edit/revoke subkeys or user IDs

- **Project:** Debian Keyring
- **Type:** service
- **Programming Language(s):** Python, Ruby, Bash, ...
- **Link::**
 - Home page: <https://keyring.debian.org/>
 - source code: <https://salsa.debian.org/debian-keyring>
- **Contact:**
 - Gunnar Wolf (gwolf@debian.org)

 **DEBSOURCES**

package name

Search package























package:debci

Search code

[Home](#) [Search](#) [Documentation](#) [Stats](#) [About](#)

debian / sources / debci / 2.12.2

Folder: 2.12.2

			.. (parent)
	drwxr-xr-x	87	backends
	drwxr-xr-x	4,096	bin
	drwxr-xr-x	10	data
	drwxr-xr-x	4,096	debian
	drwxr-xr-x	126	docs
	drwxr-xr-x	28	etc
	drwxr-xr-x	93	lib
	drwxr-xr-x	29	log
	drwxr-xr-x	4,096	public
	drwxr-xr-x	105	spec
	drwxr-xr-x	4,096	test
	drwxr-xr-x	4,096	tools
	-rw-r--r--	123	.ackrc
	-rw-r--r--	67	.ctags
	-rw-r--r--	280	.gitignore
	-rw-r--r--	708	.gitlab-ci.yml
	-rw-r--r--	981	.rubocop.yml
	-rw-r--r--	14,115	.rubocop_todo.yml
	-rw-r--r--	35,147	COPYING
	-rw-r--r--	2,705	Makefile
	-rw-r--r--	135	Procfile
	-rw-r--r--	1,917	README.md

package info (click to toggle)

debci 2.12.2

- links: [PTS](#), [VCS](#)
- area: main
- in suites: bullseye, sid
- size: 1,236 kB
- SLOC: ruby: 4,114; sh: 2,848; javascript: 98; makefile: 82; perl: 11

- **Project:** sources.debian.org
- **Type:** service
- **Programming Language(s):** Python
- **Link:**
 - Service: <https://sources.debian.org/>
 - Source code: <https://salsa.debian.org/qa/debsources>
 - Bugs: <http://deb.li/debsrcbugs>
- **Contact:**
 - #debian-qa on IRC


[Contributors](#)
[Data sources](#)
[Site status](#)
[Official members](#)
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Contributors list

[◀ 2019](#)
[all](#)
[teams](#)

This is a list of all the 1219 people and 9 teams whose most recent contribution to Debian was in 2020. The information is based on [our current knowledge](#), which you can [help us improve](#).

Search:

Search:

Person	Until
Wookey	Maio 2020
Aaron M. Ucko	Maio 2020
Aaron Schrab	Maio 2020
Aaron Zauner	Fevereiro 2020
Abdelhakim Qbaich	Fevereiro 2020
abhijith	Maio 2020
Abou Al Montacir	Maio 2020
Achim Schaefer	Janeiro 2020
Adam Borowski	Maio 2020
Adam D. Barratt	Maio 2020
Adam Majer	Abril 2020
Adam Sjøgren	Março 2020

Team	Until
bugs.debian.org	Maio 2020
debtags.debian.org	Maio 2020
ftp.debian.org	Maio 2020
i18n.debian.org	Maio 2020
lists.debian.org	Maio 2020
mentors.debian.net	Maio 2020
nm.debian.org	Maio 2020
spamreview	Maio 2020
wiki.debian.org	Maio 2020

Showing 1 to 9 of 9 entries

- **Project:** Debian Contributors
- **Type:** service
- **Programming Language(s):** Python
- **Link:**
 - Service: <https://contributors.debian.org/>
 - Source code and issues: <https://salsa.debian.org/nm-team/contributors.debian.org>
 - Bugs: <https://bugs.debian.org/nm.debian.org>
- **Contact:**
 - #debian-newmaint on IRC (OFTC)



Security Information

[Keeping your Debian system secure](#)

[Recent Advisories](#)

[Contact Information](#)

Debian takes security very seriously. We handle all security problems brought to our attention and ensure that they are corrected within a reasonable timeframe. Many advisories are coordinated with other free software vendors and are published the same day a vulnerability is made public and we also have a [Security Audit](#) team that reviews the archive looking for new or unfixed security bugs.

Experience has shown that “*security through obscurity*” does not work. Public disclosure allows for more rapid and better solutions to security problems. In that vein, this page addresses Debian's status with respect to various known security holes, which could potentially affect Debian.

Debian also participates in security standardization efforts: the [Debian Security Advisories](#) are [CVE-Compatible](#) (review the [cross references](#)) and Debian is represented in the Board of the [Open Vulnerability Assessment Language](#) project.

Keeping your Debian system secure

Development needed for security-specific features in dak (Debian Archive Kit) and the Debian Security Tracker.

- **Project:** Debian Security Team
- **Type:** team (!)
- **Programming Language(s):** Python
- **Link:** <https://www.debian.org/security/>
- **Contact:**
 - team@security.debian.org


```
~$ apt show vim
Package: vim
Version: 2:8.2.0716-3
Priority: optional
Section: editors
Maintainer: Debian Vim Maintainers <team+vim@tracker.debian.org>
Installed-Size: 3.090 kB
Provides: editor
Depends: vim-common (= 2:8.2.0716-3), vim-runtime (= 2:8.2.0716-3), libacl1 (>= 2.2.23), libc6 (>= 2.29), libcanberra0 (>= 0.2), libgpm2 (>= 1.20.7), libselinux1 (>= 1.32), libtinfo6 (>= 6)
Suggests: ctags, vim-doc, vim-scripts
Homepage: https://www.vim.org/
Tag: devel::editor, implemented-in::c, interface::commandline,
    interface::text-mode, role::program, scope::application,
    uitookit::ncurses, use::editing, works-with::text, works-with::unicode
Download-Size: 1.363 kB
APT-Manual-Installed: yes
APT-Sources: http://ftp.br.debian.org/debian unstable/main amd64 Packages
Description: Vi IMproved - enhanced vi editor
 Vim is an almost compatible version of the UNIX editor Vi.
.
Many new features have been added: multi level undo, syntax
highlighting, command line history, on-line help, filename
completion, block operations, folding, Unicode support, etc.
.
This package contains a version of vim compiled with a rather
standard set of features. This package does not provide a GUI
version of Vim. See the other vim-* packages if you need more
(or less).

~$
```



Debtags

This site is the main entry point for categorising [Debian packages](#).

Tag a package:

Copyright © 2011-2013 Enrico Zini <enrico@debian.org>. See [license terms](#). Source code is [available](#).

Debtags is part of [Debian](#).

- **Project:** Debtags
- **Type:** service
- **Programming Language(s):** Python/Javascript
- **Link:**
 - Service: <https://debtags.debian.org/>
 - Source code: <https://salsa.debian.org/debtags-team/debtagsd>
 - Bugs: <https://bugs.debian.org/debtags.debian.org>
- **Contact:**
 - Enrico Zini (enrico@enricozini.org)

moinmoin: Debian Wiki software

WIKI AntonioTerceiro Configurações Sair

Procurar

Titulos Texto

PáginaPrincipal MudançasRecentes EncontrarPágina ConteúdoDaAjuda

debian / Wiki / Recently viewed pages: searching / teams/ruby/packaging / ruby-team-meta-build / páginaprincipal / frontpage

Editar Informações Acompanhar Adicionar Link Anexos

Mais Ações: ▾

FrontPage



2020-05-09: Debian 10.4 (update for buster) Released
2019-07-06: Debian 10 (buster) Released
2017-06-17: Debian 9 (stretch) Released
2015-04-25: Debian 8 (jessie) Released


[Debian Releases](#)


 [Download](#)

 [Installation guide](#)

 [Release notes](#)

 [What's New](#) (amd64)

 [Upgrade notes](#) (amd64)

 [Issues to be aware of](#)
(amd64)

 [Errata](#)

Debian needs the 2.0 release to happen.

- **Project:** moinmoin
- **Programming Language(s):** Python
- **Link:**
 - Upstream: <https://github.com/moinwiki/moin>
 - Debian Service: <https://wiki.debian.org/>
- **Contact:**
 - upstream

Debian New Members

Welcome to the New Members website. This is the place to apply for Debian membership, and to manage one's status in the project.

Main links

Site wizard

Guided index to site features

Find people

Search people known to the site

Debian members

Authoritative official list of Debian Members

Apply

Apply for a status change through the site

Processes

Applicants

List of open and recent processes

Managers

Debian Members who volunteer to review applicants

Keysigning

GPG key signing coordination

Contact

New Member Front Desk contact information

Data

Site statistics

Current and historical statistics about the site

Site

FAQ

Frequently Asked Questions

Development

Gitlab project page for the site

Bugs

Site issue tracker

- **Project:** Debian New Members
- **Type:** service
- **Programming Language(s):** Python
- **Link:**
 - Service: <https://nm.debian.org/>
 - Source code: <https://salsa.debian.org/nm-team/nm.debian.org>
 - Bugs: <https://bugs.debian.org/nm.debian.org>
- **Contact:**
 - #debian-newmaint on IRC (OFTC)



/ template

[test certificates](#)

Debian Single Signon

Debian has a Single Sign-On system for authenticating on web services, based on Client Certificates. Certificates are issued by this site and can be used on any site that is setup to accept them.

User and developer documentation for Debian's Single Sign-On is in the [DebianSingleSignOn](#) page in the Debian wiki.

Manage Single Signon certificates

[Debian account certificates](#)[Alioth account certificates](#)

What is this?

This is Debian's web signon service. You can find some documentation on [this wiki page](#).

If you are Debian Developer you can set your SSO password on <https://db.debian.org/>. Note that it is *different* from your db.debian.org password.

Copyright © 2014 Enrico Zini <enrico@debian.org>. See [license terms](#). Source code is [here](#).

- **Project:** Debian Single Sign-On
- **Type:** service
- **Programming Language(s):** Python
- **Link:**
 - Source code: <https://salsa.debian.org/debsso-team/debsso>
- **Contact:**
 - Enrico Zini (enrico@enricozini.org)



Debian Package Tracker

[Register](#) | [Log in](#)

This service lets you follow the evolution of Debian both with email updates and a comprehensive web interface.

Lookup package information

Enter a Debian package name:

Other useful pages

- [Browse public teams](#)

Debian Package Tracker — [Copyright](#) 2013-2018 The Distro Tracker Developers
Report problems to the [tracker.debian.org pseudo-package](#) in the [Debian BTS](#).
[Documentation](#) — [Bugs](#) — [Git Repository](#) — [Contributing](#)

- **Project:** Debian Package Tracker
- **Type:** service
- **Programming Language(s):** Python
- **Link:**
 - Service: <https://tracker.debian.org/>
 - Source code: <https://salsa.debian.org/qa/distro-tracker>
 - Contribution guide: <https://qa.pages.debian.net/distro-tracker/contributing.html>
- **Contact:**
 - IRC: #debian-qa (OFTC)
 - Mailing list: debian-qa@lists.debian.org



In Conclusion

- Debian is one of the largest free software projects in existence.
 - A giant puzzle with several layers of smaller sub-puzzles.
 - An infinite construction toy set
- It needs **your help**.
- There are several other services and tools not highlighted in this talk that also need contributions.
- By contributing to Debian you will not only learn a lot, but also boost your professional career.

- Paid 3-month internship on a free software project
- Debian has been participating for a long time
- **Google Summer of Code**
 - Eligible: University Students (undergrad+)
 - Period: Summer of the Northern hemisphere
- **Outreachy**
 - Eligible: Women (cis or trans), trans men, genderqueer people, or anyone who faces systematic discrimination in the technology industry of their country.
 - Period: December-March (South), May-August (North)
- **Consider applying if you are eligible**

Thanks for the input in preparation for this talk

Pranav Jain, Moritz Mühlenhoff, Mattia Rizzolo, Johannes Schauer, Jonas Smedegaard, Paul Wise, Gunnar Wolf, Stefano Zacchiroli, Enrico Zini.

My contacts

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- IRC: terceiro on OFTC & Freenode