

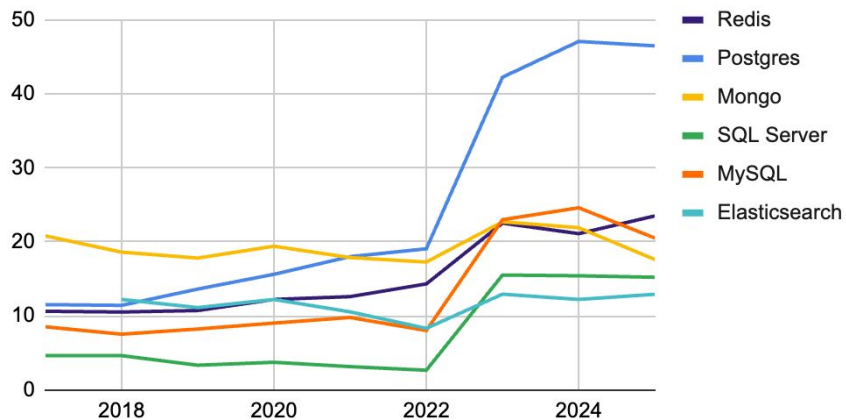
Roll up your sleeves:

Contributing to Postgres beyond code

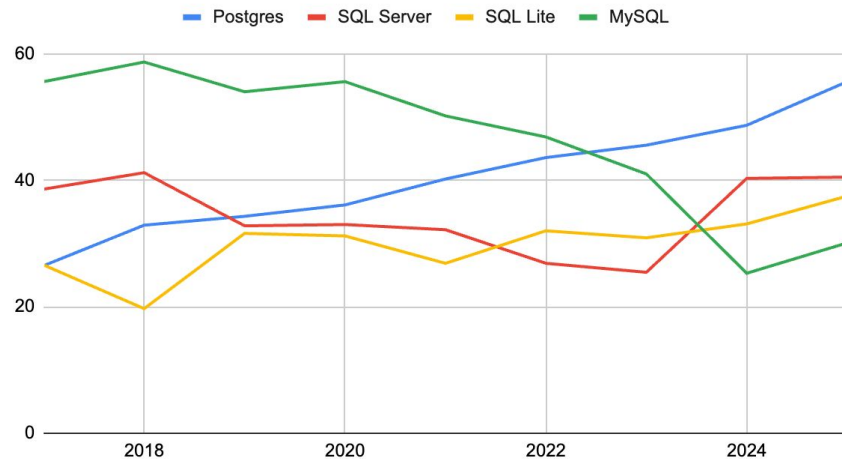
Floor Drees
PGDay Austria 2025



What database do you want to use? (% in each response).



What database do you use? (% who chose each database).



<https://survey.stackoverflow.co/2025/>

Contributing code to Postgres

- postgresql.org/about
- Melanie Plageman, at PGConf EU: [How to make a patch more committable](#)
- Melih Mutlu: [Takeaways from the First 6 Months of Hacking on Postgres](#)
- Robert Haas: [Hacking on PostgreSQL is Really Hard](#)
- Find a mentor / Google Summer of Code / ...



Postgres 18 has 25% more features
and 5% more contributors than 17.

Growth like that doesn't happen
in a vacuum.



whoami

Principal Program Manager EDB

PostgreSQL Code of Conduct Committee (Chair)

PostgreSQL Europe Diversity Committee

PGDay Lowlands organizer

== PostgreSQL Contributor

DevOpsDays Global Core Co-chair

ASF Member

pgkaraoke

Chicken mom

Lived in Vienna for ~7 years



Contribution definition since 2024

- Authoring, reviewing, testing, and/or commit patches to closely related external projects
- Governance of the PostgreSQL project or community recognized NPOs
- Other Community recognized committee participation: Security, Code of Conduct
- Organization and execution of community recognized conferences
- Open Education
- ... and more



Nomination

 <https://www.postgresql.org/community/contributors/>

 contributors@postgresql.org



Home

About

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Developers

Support

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August 14, 2025: PostgreSQL 17.6, 16.10, 15.14, 14.19, 13.22, and 18 Beta 3 Released

Search for...

Quick Links

- Community
- Contributors
- Mailing Lists
- IRC
- Local User Groups
- Recognized NPOs
- Events
- International Sites

Contributor Profiles

These are the fine people that make PostgreSQL what it is today!

To suggest additions to this list, please email the **Contributors Committee** at contributors@postgresql.org. See the **Recognized Contributors** policy for more information on becoming a recognized contributor.

For a list of all code contributions to a specific release, see the **Release Notes** for released versions of PostgreSQL.

Existing contributors can update their information in their **user profile**.

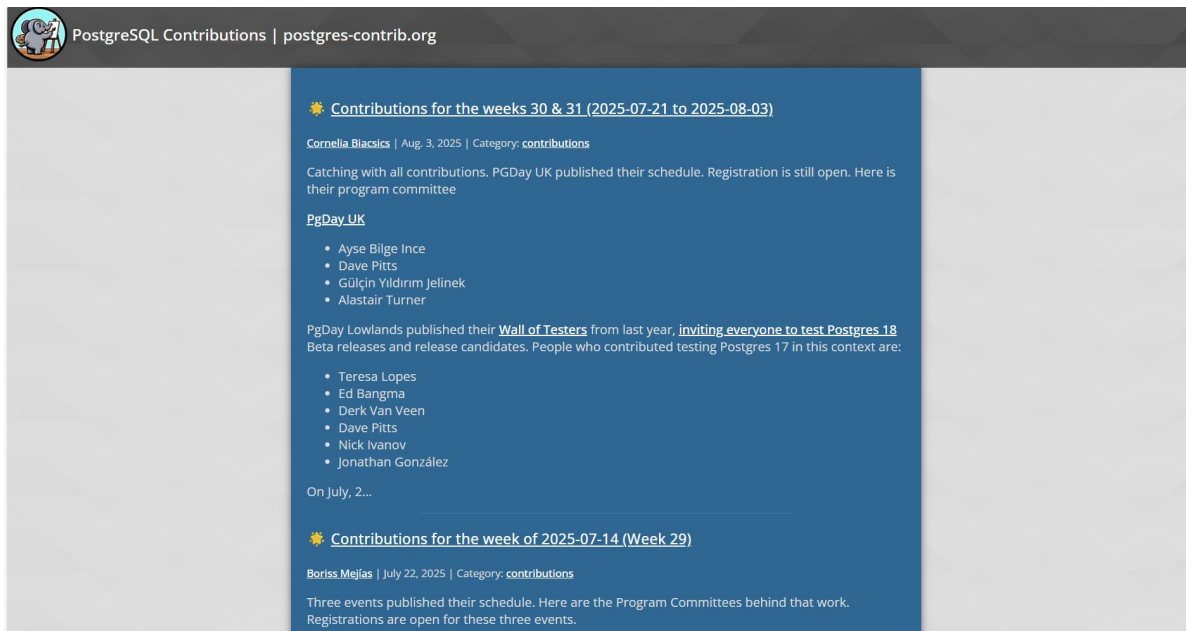
Core Team

For more information on the purpose of the core team, please [click here](#).

Contributor	Contribution
Peter Eisentraut (peter.eisentraut@enterprisedb.com) EDB Dresden, Germany	Works on the build system, porting, documentation, and the internationalization effort, and codes many other improvements.
Andres Freund (andres@anarazel.de) Microsoft San Francisco, USA	Pluggable table access methods, JIT, logical decoding, replication, performance, scalability, bug fixing and patch review.
Magnus Hagander (magnus@hagander.net) Redpill Ligna Stockholm, Sweden	Has done major work on the Win32 port, authentication system and more, and helps maintain the PostgreSQL websites and project infrastructure.
Jonathan Katz (jonathan.katz@excoventures.com) Amazon Web Services New York, NY	General project advocacy, including press releases & @postgresql, contributions to and moderation of PostgreSQL websites. Various committee participation and board membership. Miscellaneous patches & review.
Tom Lane (tgl@sss.pgh.pa.us) Snowflake Inc Pittsburgh, Pennsylvania, USA	Involved in all aspects of PostgreSQL, including bug evaluation and fixes, performance improvements, and major new features, such as schemas. He is also responsible for the optimizer.
Bruce Momjian (bruce@momjian.us) EDB Newtown Square, Pennsylvania, USA	Maintains the TODO list, codes, applies patches, and speaks at conferences.
Dave Page (dpage@pgadmin.org) pgEdge Oxfordshire, United Kingdom	Created and maintains pgAdmin, helps manage the postgresql.org websites and project infrastructure, Chair of the PostgreSQL Community Association, Secretary of PostgreSQL Europe, and author of various PostgreSQL patches over the years.

Major Contributors

Contributor	Contribution
Laurenz Albe (laurenz.albe@cybertec.at) Cybertec Austria	LDAP lookup for connection parameters, "passwordcheck" contrib module. Maintainer of oracle, fdw and pgrepplay. Active on Stackoverflow and the mailing lists.
Ashutosh Bapat (ashutosh.bapat@oss.atgmail.com) Microsoft Pune, India	basic partition-wise join, advanced partition matching postgres_fdw join, aggregate and sort push-down, tuple table slot abstraction small fixes, improvements in logical replication I have reviewed many feature patches in the area of partitioning, FDW, query optimization, logical replication bug fixes and patch reviews.
Oleg Bartunov (obartunov@gmail.com) Postgres Professional, Lomonosov Moscow State University Moscow, Russia	Introduced the locale support, has contributed GIST, GIN and SP-GIST extensibility infrastructures, full text search, KNN, NoSQL features (hstore and jsonb) and several extensions including fuzzy search (pg_trgm), support for -
Christoph Berg (imyon@debian.org) Cybertec Germany	Builds the Debian and Ubuntu packages for apt-postgresql.org and Debian, contributors team, conference speaker, postgresql-unit author, provides help and support in the IRC channel
Nathan Bossart (nathanbossart@gmail.com) Amazon Web Services St. Louis, Missouri, USA	Enhancements to many areas, including archiving, documentation, intrinsic support, roles and privileges, security, server and client applications, shared memory, signal handling, and vacuum.
Jacob Champion (champion.p@gmail.com) EDB USA	
Joe Conway (mail@joeconway.com) Amazon (RDS Open Source Databases) Palm Coast, Florida, USA	Set-returning functions, PL/R, dblink, tablefunc (crosstab), improved bytea and array data types, polymorphic arguments, multi-row VALUES, generate_series, pg_settings-related functions, hstore, privilege functions, shared_preload_libraries, and other features, PGDG syadmin team, PG Funds Group member, previous board member PGUS
Dave Cramer (davec@postgresintl.com) Amazon Web Services (RDS Open Source Databases) Clermont, FL	Maintainer of the JDBC driver since 1999, ODBC driver and contributes to PL/R. Member of the Funds group.
Jeff Davis (jdavis@j-davis.com) Amazon Web Services USA	Hash Aggregation spill to disk support. Exclusion constraints, range types, checksums, reviews
Bertrand Drouot (bertranddrouot@gmail.com) Amazon Web Services France	Patch reviews, bug fixing, code contributions including logical decoding from standby, SYSTEM_USER, reindex on database and user entries in pg_hba.conf, pg_wait_events.
Andrew Dunstan (andrew@dunslane.net)	Has contributed in a number of areas, including configuration and logging



 <https://postgres-contrib.org>

 contact@postgres-contrib.org



DRAFT PROPOSAL





https://wiki.postgresql.org/wiki/Contributor_Gifts



PostgreSQL Project



PostgreSQL Project

- Join any of the community activity discussion lists or project lists
- Volunteer at events: community recognized events do calls for volunteers
- Advocacy beyond Postgres events (join psql-advocacy@lists.postgresql.org)
- Update Documentation / wiki
- [Translate documentation and policy](#)
- Mailing list moderation (join pgsql-www@lists.postgresql.org)



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Why do I keep doing it? Because nobody else does, and I think it's important.



Alvaro Herrera
Almost all the committees

PostgreSQL Entities

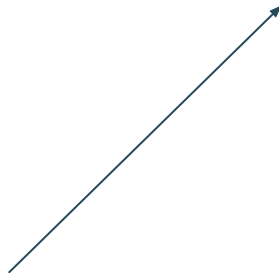


PostgreSQL Entities

Core Team

- Coordinating release activities
- Acting as a conduit for confidential comms
- Making policy announcements
- Managing permissions
- Generally making the tough choices when there's no consensus
- Rally all the contributors, and committers ("hackers")

Sounds like tasks a
non-(terribly-)technical
person could pick up?



PostgreSQL Entities

- Code of Conduct Committee
- Security Team
- Sysadmin Team
- Web Team Contributors Committee
- Sponsors Committee
- Funds Group



PostgreSQL Entities

- PostgreSQL Europe (PGEU)
- PostgreSQL United States (PGUS)
- Slonik Events Canada
- The PostgreSQL Community Association of Canada (PGCA)
- L'association PostgreSQLFr
- Japan PostgreSQL User Association
- ...

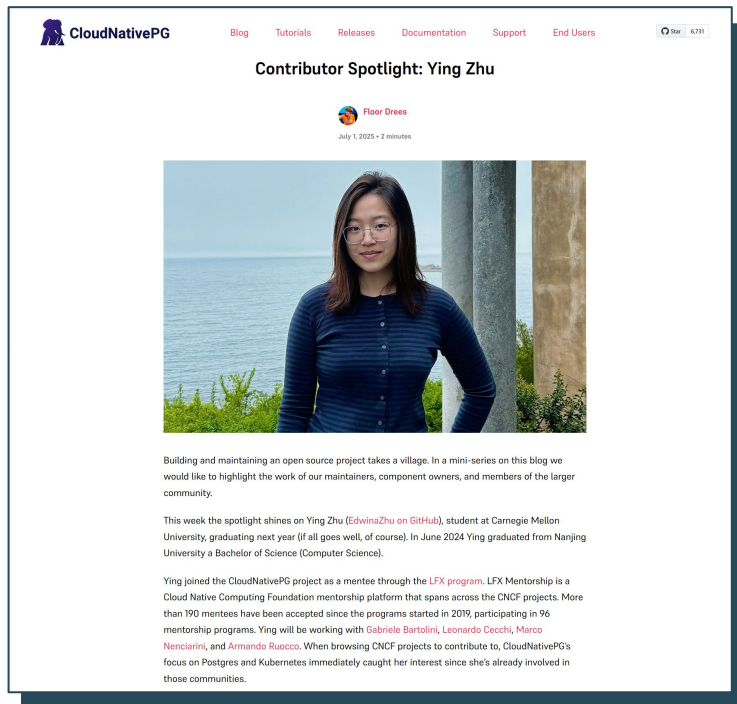


Extensions & auxiliary tooling



Extensions & auxiliary tooling

- Create free tutorials
- Give talks
- Write docs/release notes
- Design a logo
- Moderate their forum/Slack/social media
- Organize events



”

It's the sense of belonging, knowing that something I share, fix, or help with might make someone's day easier. The first time I saw someone use a resource I'd put together in their production environment. That "holy wow, this is real" moment is hard to beat.



Hari Kiran

India PostgreSQL Group Organizer, PostgreSQL CoCC

PGConf EU 2025: Extensions Showcase

- Tuesday, October 21 at 09:00 - 12:30
- Room: Lambda
- <https://2025.pgconf.eu/community-events/extensions-showcase/>



**PostgreSQL Conference
Europe 2025**



Events



Events

- Organizing
- Volunteering (reach out to organizers)
- Speaking:
 - postgresql.org/about/events
 - <https://ics.postgresql.life/>
 - <https://proopensource.it/conference-calendar/>



”

When I was growing up, Turkish moms would gather for something called “altın gün.” I don’t come from a big family, but I like to create families around me — all over the world. I believe in the power of connection and in sharing my passions with others who feel the same, while also leading the way for younger generations.



Gülçin Yıldırım Jelínek

Organizer PGConf EU Community Events Day, DIVA, ...

Events - PostgreSQL User Group meetups (PUGs)

- Consider attending, speaking at, or offering to help organize a PUG
 - <https://postgresql.org/community/user-groups>
 - <https://meetup.com/pro/postgresql>
 - Virtual: [Postgres Meetup for All](#)
- No PUG in your area? Create one:
 - [guidance in the wiki](#)
 - Andreas Scherbaum's [guide](#)
 - Get your group recognised: <https://postgresql.org/about/policies/user-groups/>

Meetup



”

I like organizing stuff for the community! Fortunately I now have 2 fellow organizers for the Berlin PUG, and was able to offload tasks.

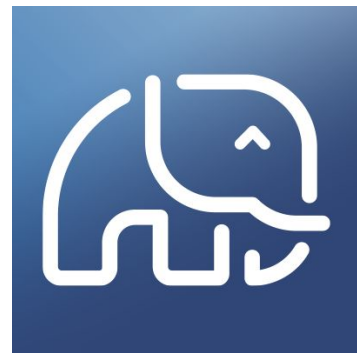


Andreas Scherbaum

Advocacy Committee, Berlin PUG, PG EU Board, ...

PGDay / PGConf / ...

- Volunteer as an organizer, volunteering day-of, TSC / CoC team
- PGConf EU Community Events Day, Unconference / Day 0 PGConf DEV (like the community meeting)
- Community Organizers Conf @ PGConf EU 2025 ☐



Content & support



Content & support

- If you write a blog, make sure you understand how to use the Planet PostgreSQL blog aggregator: <https://planet.postgresql.org/add.html>
- Help the technically-inclined co-author blogs, user-friendly release notes
- Support committees with your social media prowess
- ...



Closing notes: help-wanted


- Asking questions without volunteering
- About do-ocracy
- Burn-out risk
- New ideas



One last thing: PGDay Lowlands testing challenge

- We invite people to test the PostgreSQL 18 beta release and RC
- <https://2025.pgday.nl/testing-pg/>



 **PGDAY LOWLANDS - 2025**

September 12Rotterdam, Netherlands

Contribute to PostgreSQL by Testing

PGDay Lowlands invites the community to contribute to the next PostgreSQL major version. PostgreSQL 18 Beta 2 was released on the 17th of July. We invite you to test it and give your feedback to us and to the PostgreSQL developers before the official release.

What's in for you?

We will add your name to the **Wall of Testers**, where we list all the participants of this initiative, so that your contribution is visible.

In addition to the glory of being listed in the Wall of Testers, on the 29th of August, PGDay Lowlands will raffish:

- One free ticket to the conference
- One signed copy of *PostgreSQL Mistakes and How to Avoid Them* - courtesy of the author, Jimmy Angelakis
- One special edition "electric elephant" - donated by Chris Ellis

How to participate?

Download, install, test, report.

- Download and install PostgreSQL 18 Beta 2. See instructions at the [PostgreSQL 18 Beta 2 page](#).
- Test your own application trying to spot anything that doesn't work. If you can compare performance of your application running on PostgreSQL 17 vs PostgreSQL 18 even better. Be as creative as you want with the test. That's the best way to find bugs.
- If you don't have an application, you can create ad hoc tests to verify and study new functionality (partitioning, indexes, replication, etc), or run jbench, HammerDB or any other generic tool.
- More ideas on testing can be found on the [wiki](#).
- Report your test by sending an email to team@pgday.nl using the format explained in the [wiki](#). Reporting success is also a valid test. We are interested in knowing how confident we are in the new release, and sharing which applications are ready to upgrade can also be useful to other users.

IMPORTANT: If you spot a bug or a performance issue, please send also an email to the [pgsql-bugs](#) or [pgsql-hackers](#) mailing lists, as specified on the [wiki](#).

If you report more than one test, you increase your chances in the raffish. The raffish entries are per each test.

Timeline

Thursday 28th of August, 23:58 Rotterdam time (CEST) is the deadline to submit a test to participate in the raffish for the free ticket.

29th of August, winners will be announced.

More tests can still be submitted until the day of the official release.

The **Wall of Testers** will include all tests reported up to the official release of PostgreSQL 18.

No elephants or tulips should be damaged during the testing process. Such a collateral effect will disqualify you from the Wall.


3 things I want to take into the hallway track

- What extracurricular stuff would you like to do (and/or what keeps you from doing it)?
- What stuff have you been doing, let's make sure your work gets recognized!
- If you have an opportunity for a volunteer, how do we get that shared broadly?



Thank you!

 flood.bsky.social

 flood@hachyderm.io

 linkedin.com/in/floordrees

 CloudNativePG / CNCF Slack

 Postgres Social on Telegram

 floor.drees@enterprisedb.com



Sources

- Stacey Hasler's PGConf EU 2024 keynote "The PostgreSQL License Fee": <https://youtu.be/PNohLdtVNYs>
- Claire Giordano's PGConf EU 2024 talk "[What goes into a PostgreSQL major release?](#)"
- Checklist for Meetup Speakers
https://andreas.scherbaum.la/post/2025-05-05_checklist-for-meetup-speakers/
- Checklist for Meetup Organizers
https://andreas.scherbaum.la/post/2025-05-05_checklist-for-meetup-organizers/
- Valeria Kaplan's PGConf Paris 2024 talk: <https://www.youtube.com/watch?v=cH04e1UJbNc>
- Postgres Extensions Ecosystem work, by David Wheeler and Floor Drees
- <https://wiki.postgresql.org/wiki/Volunteer>

