FIBONACCI SPIRALS & 21 WAYS TO CONTRIBUTE TO POSTGRES—BEYOND CODE

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(1170–1240)

Source: Wikimedia Commons [Public Domain]
FIBONACCI SEQUENCE

1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89...

Source: Wikimedia Commons [Public Domain]
FIBONACCI SPIRAL: 1, 1, 2, 3, 5, 8, 13, 21, 34, …
What does Fibonacci have to do with contributing to Postgres?
BECAUSE I ALWAYS WANTED TO USE A ROMANESCO IN A TALK
THIS THING IS SPECIAL

FIBONACCI SPIRAL & A FRAC TAL
FIBONACCI PIGEONS

Source: Reddit
21 WAYS TO CONTRIBUTE TO POSTGRES—BEYOND CODE

@clairegiordano
Why "Beyond Code"?

What if... you're not a developer?
Turns out, Josh Berkus gave a similar talk in 2013

How to contribute to PostgreSQL
or, 50 Ways To Love Your Project

Source: Josh Berkus on Slideshare.net: 50 Ways to Love Your Project

@clairegiordano
Attend conferences. Learn, participate, share

Source: fosdem.org/2020
Lots of ways to support local meetups

Source: @PostgreSQLNL, @OptimaDataBV
Share your expertise—give a conference talk

International Postgres Conference

POSTGRES IBIZA
JUN 25 - 26, 2020

BUY TICKETS

Source: pgibz.io
Post your slides online

# of digital views can > # attendees

- speakerdeck.com
- slideshare.net
- conference sites

Source: speakerdeck.com/clairegiordano
Start a local PGDay in your area

- Single-track, 1-day, local
- More affordable
- Easy access
Write a blog
Publish an article
Share learnings & expertise
Shine light on value of Postgres
Syndicate to Planet Postgres to increase reach of your posts. @planetpostgres on Twitter, too.
Syndicate to Planet Postgres to increase reach of your posts

@planetpostgres on Twitter, too
Write Books
make it easier for newcomers to use Postgres

CLAIRE15 ~ a 15% off discount on any edition

Source: theartofpostgresql.com
@clairegiordano
Write Books
make it easier for newcomers to use Postgres

Source: sql-performance-explained.com
@clairegiordano
Interview your users & tell their stories

- Story
- Headlines
- Diagrams
- Big Metrics
- “Pull quotes”
Use Video to show what Postgres can do

Some people learn better via video

Source: youtube.com/watch?v=cbT64D9KFk

@clairegiordano
Good video metadata will help your video get discovered

Some people learn better via video

Title: Scaling Postgres for Time Series Data with the Citus Database

Description:
A technical interview (and a demo) to learn how you can use the PostgreSQL database with the Citus and pg_partman extensions to scale out Postgres and analyze massive volumes of time series data. Together, Postgres + Citus + pg_partman are a powerful, distributed time series database.

Video bookmarks:
- 7:59 What is driving the interest in time series data?
- 10:06 What are challenges for databases when it comes to handling time series data?
- 14:26 What makes Postgres a good choice for analyzing time series data?
- 26:30 Marco's live demo of how you can partition and shard Postgres with pg_partman and Citus to scale out Postgres and analyze massive amounts of time series data.

If you are working with time series data today, you are probably dealing with large data volumes—and you might not be able to control the amount of data people are sending you. So you need a database that can scale out horizontally to give you performance—and yet, you also need a database that can do fairly advanced analytics so you and your users can find and discover the patterns in time series data. (Think: joins, rollups, aggregates, complex queries across hundreds of millions or billions of rows)

Citus is an extension to Postgres that transforms Postgres into a distributed database. Available as a database as a service, as an enterprise software, and as open source, Citus is popular with developers building multi-tenant (SaaS) applications and with teams building real-time analytics dashboards that require sub-second responses—including analytic dashboards dealing with time series data.

See how enterprises and SaaS businesses use Citus to scale out Postgres today:
https://www.citusdata.com/customers/
Join the Citus database community's public Slack channel:
If you build it, they will NOT come. PROMOTE.
Promote on Twitter learnings, ideas, talks, meetups, TIL, QOTD, OH, how-to
Say thank you.
If you like someone’s work, praise it.

- Privately. Publicly. Both.
- Especially junior & new people
- Not just luminaries & friends

Replying to @tchorix @spbail and @PostgresWomen
@spbail talk on foreign data wrapper was great, very precise and clear! Loved it! I really recommend it to anyone going to @PostgresOpen.

9:09 AM · Sep 5, 2019 · Twitter for iPhone
NLS Status Tables

The tables below show which areas of the PostgreSQL source are prepared for translation, and the progress of those translations. The numbers are percents of translated messages. By following the links, you can download freshly baked PO files that are merged up against the latest program sources. No PostgreSQL source tree is needed for translation work.

The highlighted boxes are the files that have a sufficient fraction of strings translated to be considered for release. Files that are 100% translated are specially highlighted. All other files will not be part of the PostgreSQL release.

The grey numbers are translations that do not exist yet, but where this web site has initialized the translations files for you with data from the existing translations for the same language.

You can work in several branches. Please see the status information below and follow the announcements on the mailing list (subscribe) about when a branch is about to be released.

### 12 branch

Last update: Sat Feb 01 2020 03:47:41 GMT+0100 (Central European Standard Time)

| | af | cs | de | es | fa | fr | he | hr | hu | id | ja | ko | nl | pl | pt_BR | ru | sk | sl | sv | ta | t |
| ecpe | 50 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| ecpe-lib | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| initdb | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| libpq | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| pg_basebackup | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| pg_checksums | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| pg_config | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| pg_controldata | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 |
| pg_ctl | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 |
| pg_resetwal | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 |

Help with message translations

Mailing list: postgresql-translators

More info: babel.postgresql.org

Instructions in Postgres docs: “Native Language support”

@clairegiordano
Report bugs with Postgres

“When you find a bug with Postgres we want to hear about it.”

“This bug reports play an important part in making PostgreSQL more reliable.”

5. Bug Reporting Guidelines

5.1. Identifying Bugs
5.2. What to Report
5.3. Where to Report Bugs

When you find a bug in PostgreSQL we want to hear about it. Your bug reports play an important part in making PostgreSQL more reliable because even the utmost care cannot guarantee that every part of PostgreSQL will work on every platform under every circumstance.

The following suggestions are intended to assist you in forming bug reports that can be handled in an effective fashion. No one is required to follow them but doing so tends to be to everyone’s advantage.

We cannot promise to fix every bug right away. If the bug is obvious, critical, or affects a lot of users, chances are good that someone will look into it. It could also happen that we tell you to update to a newer version to see if the bug happens there. Or we might decide that the bug cannot be fixed before some major rewrite we might be planning is done. Or perhaps it is simply too hard and there are more important things on the agenda. If you need help immediately, consider obtaining a commercial support contract.

Source: postgresql.org
5.3. Where to Report Bugs

In general, send bug reports to the bug report mailing list at `<pgsql-bugs@lists.postgresql.org>`. You are requested to use a descriptive subject for your email message, perhaps parts of the error message.

Another method is to fill in the bug report web-form available at the project’s [web site](https://www.postgresql.org). Entering a bug report this way causes it to be mailed to the `<pgsql-bugs@lists.postgresql.org>` mailing list.

If your bug report has security implications and you’d prefer that it not become immediately visible in public archives, don’t send it to `pgsql-bugs`. Security issues can be reported privately to `<security@postgresql.org>`.
Submit correction

If you see anything in the documentation that is not correct, does not match your experience with the particular feature or requires further clarification, please use this form to report a documentation issue.

Source: postgresql.org
Submit documentation comment

Found something in the documentation that is incorrect, does not match your experience with a particular feature, or requires further clarification?

Please fill out the form below with your name, email, subject, and a detailed description about what you are commenting on. After clicking the button below, an email will be sent to the postgresql-docs@lists.postgresql.org mailing list.

By submitting this form, you agree that all of its contents, including your personal information as listed, will be posted to the public postgresql-docs@lists.postgresql.org mailing list, and archived in the public list archives.

Your Name:
Claire Giordano

Your Email:

Subject:

What is your comment?

Source: postgresql.org

Submit corrections to documentation

Clarify

Disambiguate

Help new people understand

Source: postgresql.org
Stickers are a thing

Promote your Postgres projects too

Spark unexpected conversations
Use your design skills

Graphics & visuals pull people in

- Citus elicorn
- Louise Grandjonc’s crocodile
- Postgres Activity Book

Source: Citus “sharded” elicorn   @clairegiordano
Use your design skills

Graphics & visuals pull people in

- Citus elicorn
- Louise Grandjonc’s crocodile
- Postgres Activity Book

Source: www.Instagram.com/zimmoriarty/
Use your design skills

Graphics & visuals pull people in

- Citus elicorn
- Louise Grandjonc’s crocodile
- Postgres Activity Book
Use “Sketchnotes” to share your learnings

Combine words, lettering styles, color, sketches, bullets

Source: twitter.com/reverentgeek
Evangelize at your local university (or alma mater)
Make people feel welcome

Being “welcoming” is one step further than being “open”
21 Ways to Contribute to Postgres—Beyond Code

1. Attend Conferences
2. Meetups & User Groups
3. Give a Talk
4. Post Slides online
5. Start a PGDay
6. Blogs & articles
7. Syndicate to Planet Postgres
8. Write a book
9. User Stories
10. Bite-sized videos
11. Promote
12. Twitter
13. Say Thank You!
14. Translations
15. Report Bugs
16. Doc Feedback
17. Stickers
18. Design skills
19. #sketchnotes
20. University outreach
21. Welcome people in
ONE MORE FLIPPINGLY AMAZING

FIBONACCI SPIRAL IN NATURE