



- PGConf EU 2024

Supporting extensions, but for real this time





Why Postgres?



/in/floordrees

@DevOpsBarbie

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Floor Drees

- Head of Education @ Tembo.io 
- Prev: Aiven, Grafana Labs, Microsoft
- Devopsdays Core / Amsterdam
- PGDay Lowlands
- PostgreSQL CoCC member
- pg_karaoke



Extensibility as a double-edged sword



☰ YouTube NL

Search

POSTGRESQL EXTENSION ECOSYSTEM MINI-SUMMIT 1

STATE OF THE EXTENSION ECOSYSTEM

PAST, PRESENT, AND FUTURE

David E. Wheeler
PGXN, Tembo
2024-03-06

Postgres Extensions Ecosystem Mini-Summit - March 6, 2024

Tembo 251 subscribers

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5	Postgres Extensions Ecosystem Mini-Summit - Ma...	54:09	Tembo
6	Postgres Extensions Ecosystem Mini-Summit - Ma...	52:18	Tembo

<https://bit.ly/4dVw4Ou>



Addressing the elephant in the room

**Open Source
is not funded
for its value**

**Open Source
relies on people
doing the work**

**Relicensing
poses real
challenges**

[RELEASES](#)[BLOG](#)[GEMS](#)[GUIDES](#)[SIGN IN](#)[SIGN UP](#)

Find, install, and publish RubyGems.

Search Gems...



Advanced Search →

181,650,379,075

DOWNLOADS & COUNTING

Install RubyGems



STATUS

UPTIME

<https://rubygems.org/>



The WordPress saga

- WordPress powers 43% of websites, via Automattic, WP Engine, or other vendor
- .com and .org and the foundation, same difference
- Open source purity only when it's convenient



Log in to your WordPress.org account to contribute to WordPress, get help in the support forum, or rate and review themes and plugins.

Username or Email Address

Password

I am not affiliated with WP Engine in any way, financially or otherwise.

Remember Me

Log In

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English





WordPress reposted



Povilas Korop | Laravel Courses Creator & Youtuber

@PovilasKorop

...

My prediction about moving from WordPress.

Many people will shout loud "Let's run away from WP!!!"

Some will even try.

But then they will realize how much time/energy/money it would cost.

With adopting new tools that have OTHER problems than WP.

So WP will be ok.

6:59 AM · Oct 14, 2024 · **44.2K** Views



License rug pulling is an actual problem

- Redis > Valky
- Elasticsearch > OpenSearch
- Terraform > OpenTofu
- ...



The issues

- Individual / single vendor
- Question of ownership
- Rather than consolidate,
we want to win
- No feedback mechanism,
unless something's broken

Over 3/4 of unpaid maintainers would prefer to get paid

MYTH:

“

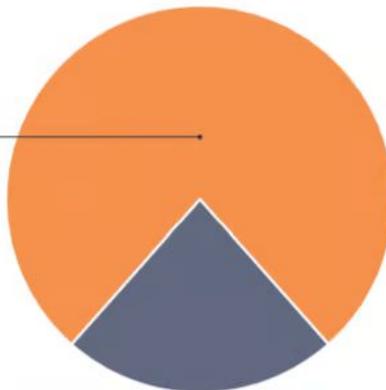
MAINTAINERS PREFER
TO WORK ON OPEN SOURCE
AS AN UNPAID HOBBY.

”

REALITY:

77%

of unpaid maintainers
would like to get paid



n=194



Maintenance work is work

- Developing in step with Postgres versions is non-trivial as a solo dev

14:40 – 15:30 

Room: Olympia B

Track: Community

Supporting a New PostgreSQL Version in Your Extension - A Citus Case Study



Naisila Puka

Microsoft



The CRA might make us care

- Cyber Resilience Act is coming for all of us
- A PMC of 1 can't meet the requirements of the CRA, you'd be irresponsible placing your project onto the market
- Definition tbd: a makefile, making your software available through package managers, writing release notes, etc, signaling a healthy project, vs a hobby script you threw on GitHub



**What do we need?
When do we need it?**



State of the Extension Ecosystem

- Not recognized as contributing to PostgreSQL
- Vicious circle
- Some level of standardization
- Community sharing resources



Extension Ecosystem Summit

- [pgmq](#), [pg_statviz](#), [pg_tde](#), [pgzx](#),
[pgvectorscale](#), [pgai](#)
- 36 participants, potential contributors, find community
- [https://github.com/tembo-io/
tembo-labs/tree/main/extensions-
ecosystem-summit](https://github.com/tembo-io/tembo-labs/tree/main/extensions-ecosystem-summit)





What else?

- Bounties?
- Hacktoberfest?
- Consolidate!
- Collaborate!

Bounties
Create new bounties using the `/bounty $AMOUNT` command on Github.

Open 8 Completed 4

Hide claimed Hide attempted List

The screenshot shows a grid of GitHub issues labeled as bounties. Each issue card includes the bounty amount, creation date, an 'Experts only' toggle switch, a title, and a 'Claims' section with user profiles and timestamps. A modal window is open over the issues, showing the repository 'tembo-io / pg_vectorize' and a message encouraging contributions. Below the modal is a list of open issues, many of which are tagged with 'Bounty', 'enhancement', and 'hacktoberfest'.

Issue #	Title	Labels	Author	Created	Status
#167	No Way to Change Ollama and OpenAI Embedding Models	Bounty, enhancement	tavallae	17 hours ago	Open
#152	increase embedding provider support	Bounty, enhancement	ChuckHead	2 weeks ago	Open
#149	bring your own embeddings	Bounty, documentation, hacktoberfest	ChuckHead	2 weeks ago	Open
#148	drop table event triggers for vectorize.jobs	Bounty, enhancement, hacktoberfest	ChuckHead	2 weeks ago	Open
#146	drop deprecated parameters from vectorize.table()	Bounty, enhancement, hacktoberfest	ChuckHead	2 weeks ago	Open
#145	rename vectorize.table "table" parameter	Bounty, enhancement, hacktoberfest	ChuckHead	2 weeks ago	Open
#144	chunking support to vectorize.table()	Bounty, enhancement, hacktoberfest	ChuckHead	2 weeks ago	Open
#112	option to log lm response	enhancement	ChuckHead	May 6	Open



Thank you!

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I'm David

