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web developer

(prev. Geospatial)





PostgreSQL Workload Analyzer

Stats Collector

Real-time Graphs

Performance Charts

extensions:

- pg_stat_statements
- pg_qualstat
- pg_stat_kcache

Individuals:

- Ronan Dunklau (*Dalibo*)
- Julien Rouhaud (*Dalibo*)

Initial work from

- Marc Cousin (*prev Dalibo*)
- Thomas Reiss (*Dalibo*)

Freetime (*mostly*)

+

R&D

(*Supported by Dalibo*)

Community contributions?

Available on Github

~ 15 contributors

Few external contributions

BUT

Interesting issues reported

&

Feature requests

It proves that project
lives and is used!

Difficult to know

Mostly in France

(promotion from Dalibo)

Reported issues tend to prove that PoWA
is used even in production

- Gathering of performance stats
- Analysis
- Optimization suggestions / recommendations
- Simulation (*using hypothetical indexes*)

Installation is painful

- Many different parts to install
- Web application

UI / UX improvements

Dashboard like homepage

With simple widgets

ex: number of predicates to optimize

Only ~30% of collected information
displayed or analyzed

Possible additional information:

- Tables requiring vacuum,
- Tables requiring defragmentation
- Tables w/ correlated columns

- User Testing
- UX design principles
- Charting JS libraries

Conclusion:

Think about the users!