DALIBO
L'expertise PostgreSQL

DALIBO is the leading PostgreSQL company in France, providing services, training and support since 2005.

These are the open source projects we're currently working on. For us, supporting PostgreSQL is not a sign of commercial opportunism, but the expression of long-term involvement in the community. The choice of open source is also the choice of involment in the software development community.

Our reputation is built upon the quality and quantity of our contributions to the PostgreSQL community. Therefore Dalibo encourages all its employees to spend up to 20% of their time working in community activities: writing or proofreading code as well as writing articles, organizing conferences, etc.

With DALIBO LABS, our intent is to promote open source projects that we develop internally. Once those projects grow and find their own community, we usually transfer the ownership to independant groups of developers.
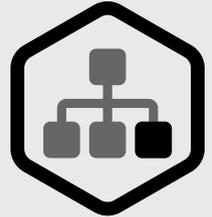
Dalibo Labs
Open Source Tools for PostgreSQL

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check_pgbackrest

check_pgbackrest is designed to monitor pgBackRest backups from Nagios. It can keep an eye on the number of backups and their age. It is also built to check that all the needed archived WAL segments are actually there.

> https://github.com/dalibo/check_pgbackrest
> **By:** *Stefan Fercot*

E-Maj

E-Maj is a PostgreSQL extension which enables fine-grained write logging and time travel on subsets of the DB. Using triggers, E-Maj logs INSERT/UPDATE/DELETE executions in order to be able to look at the table updates and cancel them through 'rollback operations'.

> https://github.com/dalibo/emaj
> **By:** *Philippe Beaudoin, Thibaud Walkowiak*

ldap2pg

ldap2pg is a tool to synchronize roles and ACL in PostgreSQL from a LDAP compatible directory. The configuration is simple but powerful. Ldap2pg can also audit your PostgreSQL cluster. Ldap2pg eases integration and security of PostgreSQL in your infrastructure.

> https://github.com/dalibo/ldap2pg
> **By:** *Étienne Bersac*

PEV2

PEV2 is a Javascript library for displaying a graphical vizualization of a PostgreSQL execution plan.

> https://github.com/dalibo/pev2
> **By:** *Pierre Giraud*

pitrery

pitrery is a set of scripts to manage your PITR (Point In Time Recovery) backups. It automates backups and restores it at a given point in time. pitrery is easy and flexible to use, ideal to secure large data volumes.

> https://github.com/dalibo/pitrery
> **By:** *Thibaut Madelaine, Thibaud Walkowiak, Étienne Bersac*

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PostgreSQL Anonymizer

Anonymization and Data Masking for PostgreSQL: Postgresql Anonymizer is an extension to mask or replace personally identifiable information (PII) or commercially sensitive data from a PostgreSQL database.

> https://github.com/dalibo/postgresql_anonymizer

> **By:** *Damien Clochard*

sqlserver2pgsql

sqlserver2pgsql is a migration kit to help you transition between an SQL server database to a PostgreSQL database. The migration is done in two steps: first database schema conversion is done, then the tool produces a Kettle job to migrate the data.

> https://github.com/dalibo/sqlserver2pgsql

> **By:** *Thibaut Madelaine*

temboard

temboard allows you to monitor and manage several PostgreSQL clusters. Any company with very low knowledge of PostgreSQL reach autonomy on basic PostgreSQL administration.

> https://github.com/dalibo/temboard

> **By:** *Julien Tachoires, Pierre Giraud, Étienne Bersac*

Some projects that we launched initially found their own community. They now belong to independent groups of developers:

pgBadger

pgBadger analyzes your SQL traffic and delivers a complete report (including dynamic graphs) about your PostgreSQL server performance and optimization possibilities.

> https://pgbadger.darold.net

PoWA

PoWA is a PostgreSQL dedicated advanced tool to help a DBA analyse the workload of its databases.

> https://github.com/powa-team/powa

HypoPG

HypoPG is a PostgreSQL extension adding support for hypothetical indexes. A hypothetical index doesn't really exists, and thus doesn't consume CPU, disk or any resource for its creation.

> https://github.com/HypoPG/hypopg

PAF

PostgreSQL Automatic Failover (PAF) is a high-availibility agent for PostgreSQL, relying on industry references Pacemaker and Corosync.

> https://github.com/ClusterLabs/PAF

check_pgactivity

check_pgactivity is a PostgreSQL plugin aimed at monitoring clusters from Nagios.

> https://github.com/OPMDG/check_pgactivity