Updated Postgres Tools @ myYearbook.com

Jonah H. Harris

myYearbook.com

Postgres Tools

- Bloat Report
- Concurrent Reindex
- Golconde
- Limitr
- Playr
- posuta
- Primr

Bloat Report

- Reports on the amount of key and non-key index bloat per-table.

- Can be used to identify indexes which are bloated and which may need to be rebuilt and/or vacuumed more often.

- Can be used against one or more servers.

- Written in Ruby

Concurrent Reindex

- Performs online reindexing on a per-index or per-table basis.

- Used to reduce bloat by rebuilding indexes.

- Performs the following tasks
    - CREATE INDEX CONCURRENTLY
    - DROP <old index>
    - RENAME <new index> TO <old index>
- Written in command-line PHP

Golconde

- Performs loosely-coupled, queue-based replication for Postgres.

- Loosely Coupled

  - Asynchonous

  - Can replicate data via trigger (using PL/Python) or by directly enqueued messages.

- Written in Python

Limitr

- Performs CPU resource limiting of a process.

- Used to limit CPU consumption of processes running on busy database servers.

- Linux-specific

- Written in C

Playr

- Performs application testing and benchmarking via transaction replay.

- Used to test applications against new versions of Postgres

- Used to test the performance behavior of an application workload against different hardware configurations.

- Linux-specific

- Written in C

posuta

- Performs persistence and visualization of Postgres statistics.

- Used to perform time-based queries and comparisons to identify issues or changes using object-level Postgres statistics.

- Works with single or multiple servers

- Written in Ruby, LISP, C

Primr

- Performs cache profiling and warming for a Postgres system.

- Used to warm the cache of a standby server prior to switchover.

- Multithreaded

- Linux-specific

- Written in C

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