Outline Batches needs PGQ features Mix and Match Conclusion

PGQ, Pretty Darn Quick

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May 22, 2009



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- to reuse existing models

PGQ is a queuing solution implemented as a PostgreSQL extension module, providing an SQL and a python API. It offers the producer multi consumers subscribtion model and is the transport layer of the londiste replication solution.

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- performant (maintaining 3 tables, using TRUNCATE)
- easy to install and monitor
- robust



Implementing a daemon atop PGQ

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For the python version see resources on the internet. Here we're dealing with the PHP one. PHP is inferior a language but we sometime have to support it, to leverage existing model classes.

libphp-pgq

You subclass a PGQConsumer superclass and implement two methods:

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The transaction BEGIN and COMMIT are managed by the class you inherited code from, just process data and return one of

```
PGQ_EVENT_OK
PGQ_EVENT_FAILED
PGQ_EVENT_RETRY
PGQ_ABORT_BATCH
```

Different main classes are available for you to subclass, depending on what you want to do. Some documentation is available online at http://pgsql.tapoueh.org/pgq/pgq-php/

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Example

```
# mydaemon.php start
```

mydaemon.php status

mydaemon.php logmore

mydaemon.php kill

