On Relational Databases

PharoDays 2015
Guille
Let’s talk about Guille

• Phd Student
• Writing my thesis
• Not using RDBMs
Drivers

OpenDBX
- Many vendors
- Oracle
- MSsqlserver
- ODBC
- Mysql
- postgresql
- sqlite
- FFI
- Extra Libs
- Doc

Postgres V2
- Image Based
- Not Blocking
- Doc

Postgres V3
- Image Based
- Not Blocking
- Doc

Mysql Native Driver
- Image Based
- Not Blocking
- Doc

SQLite3
- NBSQLite3
- Image Based

ODBC
- Image Based
- FFI
- Extra Libs
- Doc
Glorp

- Not the last version (available in VW)
- ~900 tests
- Compatible *only* with OpenDBX, PostgresV2, NBSqlite3
Glorp Documentation
WIP
(Yes, like Esteban)

**JDBC like** (Yes, sorry guys)
- But then, all drivers have different APIs
- Adapters or not?
- Forking? Breaking compatibility?
- Well, we are going there slowly

(again, one driver to rule them all)
Jenkins

- Windows and Linux
- 32 bits for the moment
- OpenDBX, Native Mysql, Native Postgresql, NBSqlite3, Glorp
- https://ci.inria.fr/dbxtalk/
Welcome to the DBXTalk CI server! This is the home for the DBXTalk suite for the Pharo Language. We have CI Jobs for each of the CI maintained drivers and libraries. The name encoding is `{Artifact}-{Driver}-{Database}`.

<table>
<thead>
<tr>
<th>Status</th>
<th>Name</th>
<th>Last Status</th>
</tr>
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<tbody>
<tr>
<td>Green</td>
<td>CLibrary-OpenDBX-1.4.6-Mysql</td>
<td>7 hr 53 min</td>
</tr>
<tr>
<td>Green</td>
<td>CLibrary-OpenDBX-1.4.6-Oracle</td>
<td>2 hr 43 min</td>
</tr>
<tr>
<td>Green</td>
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<td>12 hr 36 min</td>
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<tr>
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<td>4 hr 27 min</td>
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<td>Red</td>
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<td>Green</td>
<td>Glorp-OpenDBXDriver-Postgresql</td>
<td>19 hr 38 min</td>
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</table>
On Relational Databases

Glorp

...(again, one driver to rule them all)

OpenDBX

Postgres V2

Postgres V3

Mysql Native Driver

SQLite3

ODBC

Thanks, Guille