








On Relational Databases

PharoDays 2015
Guille

Let's talk about Guille

- Phd Student
- Writing my thesis
- Not using RDBMs

Drivers

OpenDBX	Postgres V2	Postgres V3	Mysql Native Driver	SQLite3 - NBSQLite3	ODBC
 OpenDBX					
✓ Many vendors	✓ Image Based	✓ Image Based	✓ Image Based	✓ Image Based	✓ Image Based
Oracle MSsqlserver ODBC Mysql postgres sqlite	✓ Not Blocking	✓ Not Blocking	✓ Not Blocking	✗ FFI	✗ FFI
	 Doc	 Doc	 Doc	 Doc	 Doc
✗ 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



dbxtalk

(again, one driver to rule them all)



OpenDBX

Postgres
V2

Postgres
V3

Mysql
Native
Driver

SQLite3
-
NBSQLite3

ODBC

Jenkins

- Windows and Linux
- 32 bits for the moment
- OpenDBX, Native Mysql, Native Postgresql, NBSqlite3, Glorp
- <https://ci.inria.fr/dbxtalk/>

[New Item](#)

[People](#)

[Build History](#)

[Project Relationship](#)

[Check File Fingerprint](#)

[Manage Jenkins](#)

[Credentials](#)

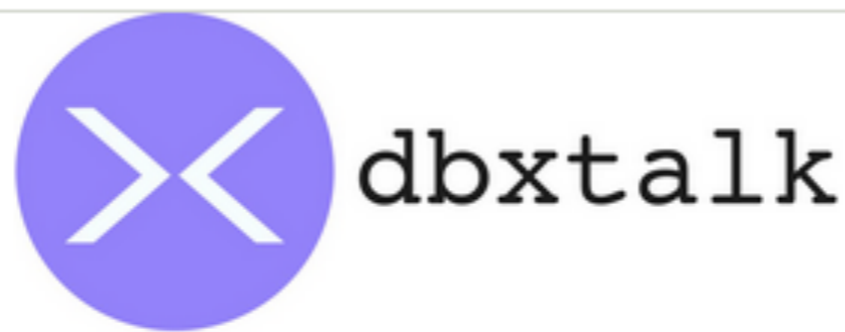
[My Views](#)

Queue

Builds in the queue.

Executor Status

#	Status
dbxtalk-ubuntu12-i386	
1	Idle
dbxtalk-windows-32bit	
1	Idle
dbxtalk-windows7-x86 (offline)	



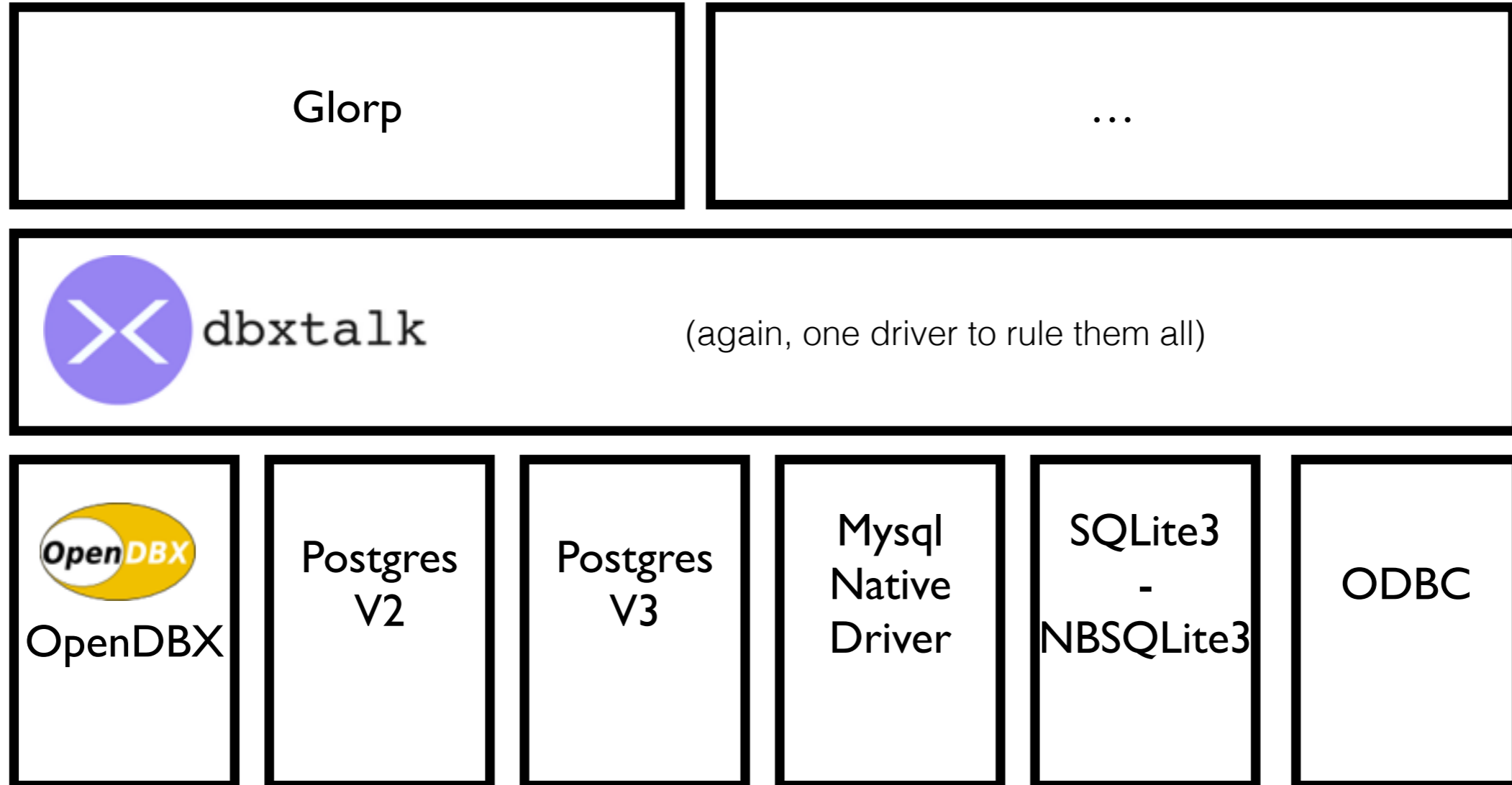
Welcome to the DBXTalk CI server! This is the home for the DBXTalk suite for the Pharo Language. W

These are the DBXTalk CI Jobs for each of the CI maintained drivers and libraries. The name encoding

{Artifact}-{Driver}-{Database}

Glorp	Mysql	OpenDBX	Oracle	Postgresql	SQLite	Tous	+
S	W	Name ↓				Last S	
		CLibrary-OpenDBX-1.4.6-Mysql				7 hr 53	
		CLibrary-OpenDBX-1.4.6-Oracle				2 hr 47	
		CLibrary-OpenDBX-1.4.6-Postgresql				12 hr -	
		CLibrary-OpenDBX-1.4.6-SQLite3				4 hr 22	
		Glorp-NativeDriver-SQLite3				N/A	
		Glorp-OpenDBXDriver-Mysql				22 hr -	
		Glorp-OpenDBXDriver-Oracle				18 hr -	
		Glorp-OpenDBXDriver-Postaresal				19 hr -	

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Thanks, Guille