DBXTALK

going

Native

Rocha Amaya

Guille Polito

CDT soluciones tecnológicas

Universidad Nacional de Quilmes

project uqbar

Inria

MINES Douai

RMod

DBXTALK

Relational database suite

A database driver...

One (C) API to rule them **ALL**

Glorp

The ORM

Phoseydon

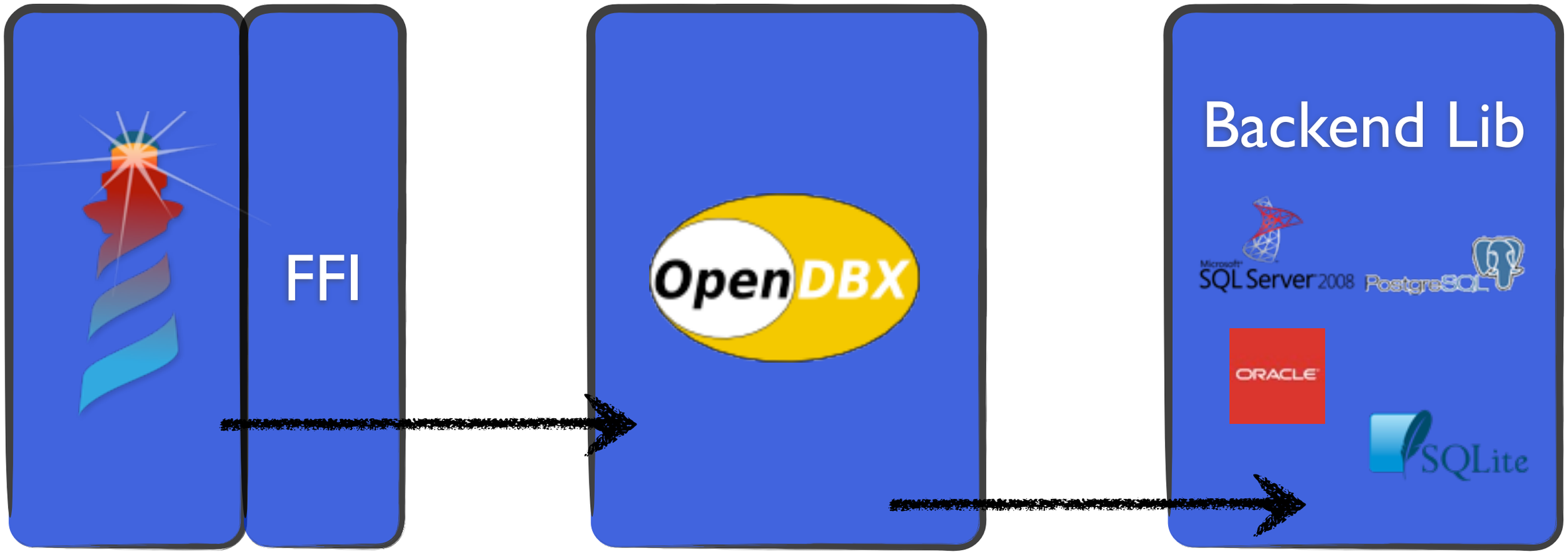
Some scaffolding tools

Or get the database schema...

But...
the world is not always pink
nor shiny
nor sweet

Deploy

BurdeN!!!


FFI
OpenDBX
Backend Lib
Microsoft SQL Server 2008
PostgreSQL
ORACLE
SQLite

FFI is blocking

BOOOOOOO

(buuuuu)

FFI is 32 bits

And OSs go 64 bits

Also we were using the old FFI

is another (C) library to install and setup

Compile this, compile that, compile compile comp...

And the resolution of C libraries is like *this* in MacOSX

And like *that* in Unix

And in w i n d o w z e ...

ARGUH!

We can do better!

Move the more code we can to

go

NativeBoost

There are drivers available

fully in

Smalltalk

God invented polymorphism for something!

Avoid extra libraries

NB-FFI

only when you can't

(Oracle, cof cof)

(GSOC 13')

The Main Idea:
Attack the deploy burden

(GSOC 13')

NBFFI + TalkFFI

Generating NBFFI bindings automatically

(GSOC 13')

Step 1

Generate OpenDBX bindings

To keep backward compatibility

(GSOC 13')

Currently (still ongoing)

Oracle bindings + building on top

To avoid OpenDBX

automatize **all we can**

CI

ontinuous ntegration

Thanks Inria

>100

Tests for the opendbx driver

>870

glorp tests

Build

every single **day**

We need **you**

to use it

And to contribute :)

DBXTALK

dbxtalk.smallworks.com.ar

Announcement (chivo)

November 16

www.uqbar-project.org/events/workshop2013

UNIVERSIDAD NACIONAL DE SAN MARTÍN