

Keys

Values

Juan

Persona

Pepe

Persona

Gema

Persona

Maria

Persona

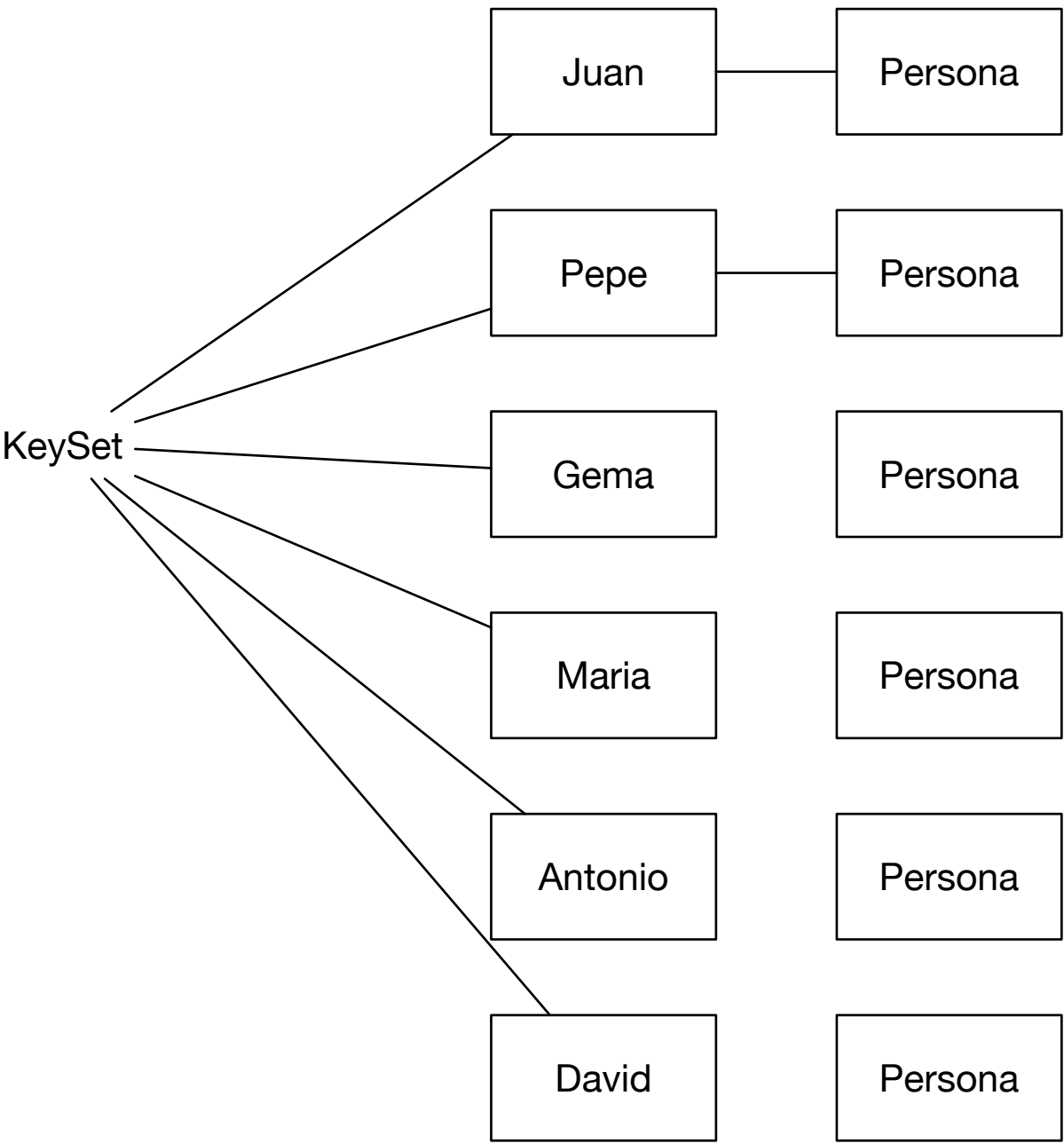
Antonio

Persona

David

Persona

KeySet



Wrapper

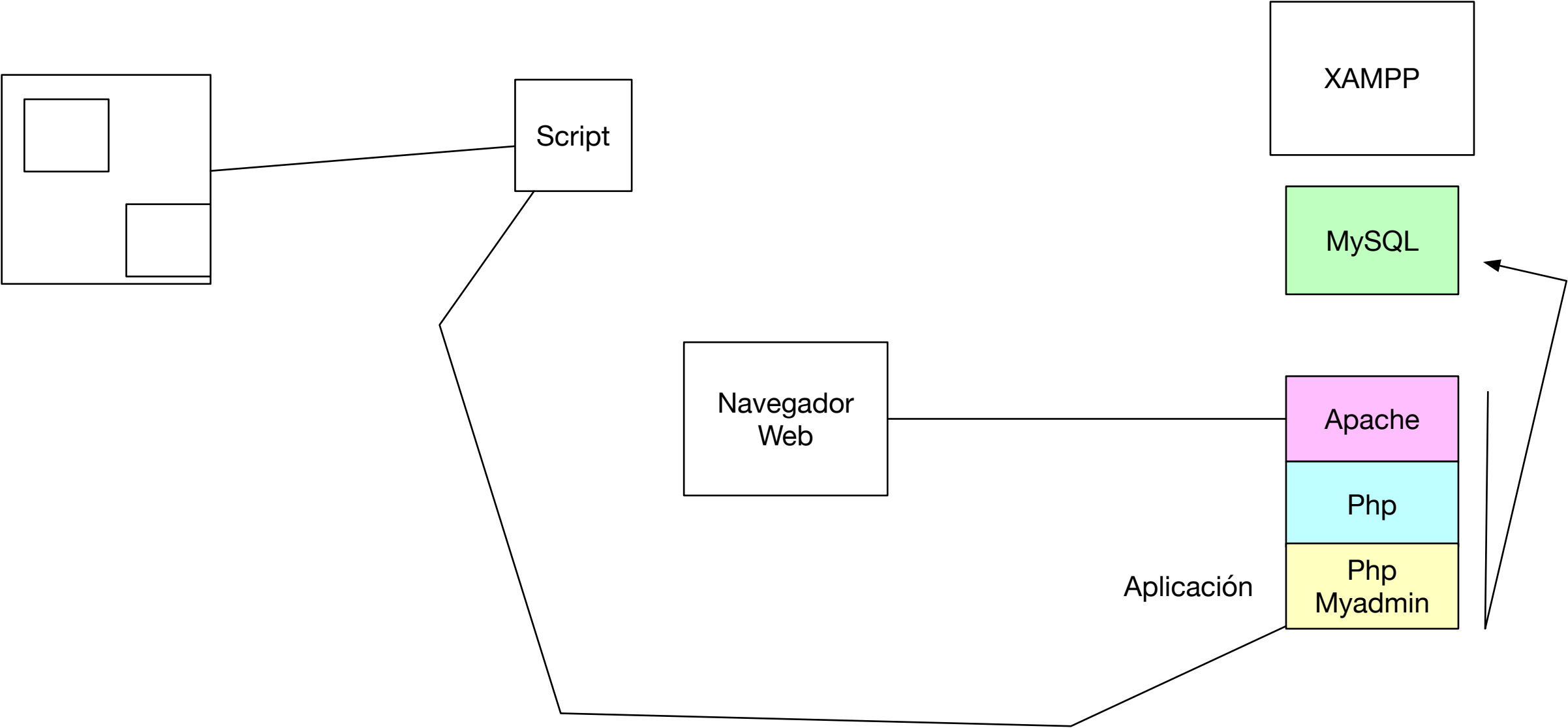
<Factura>

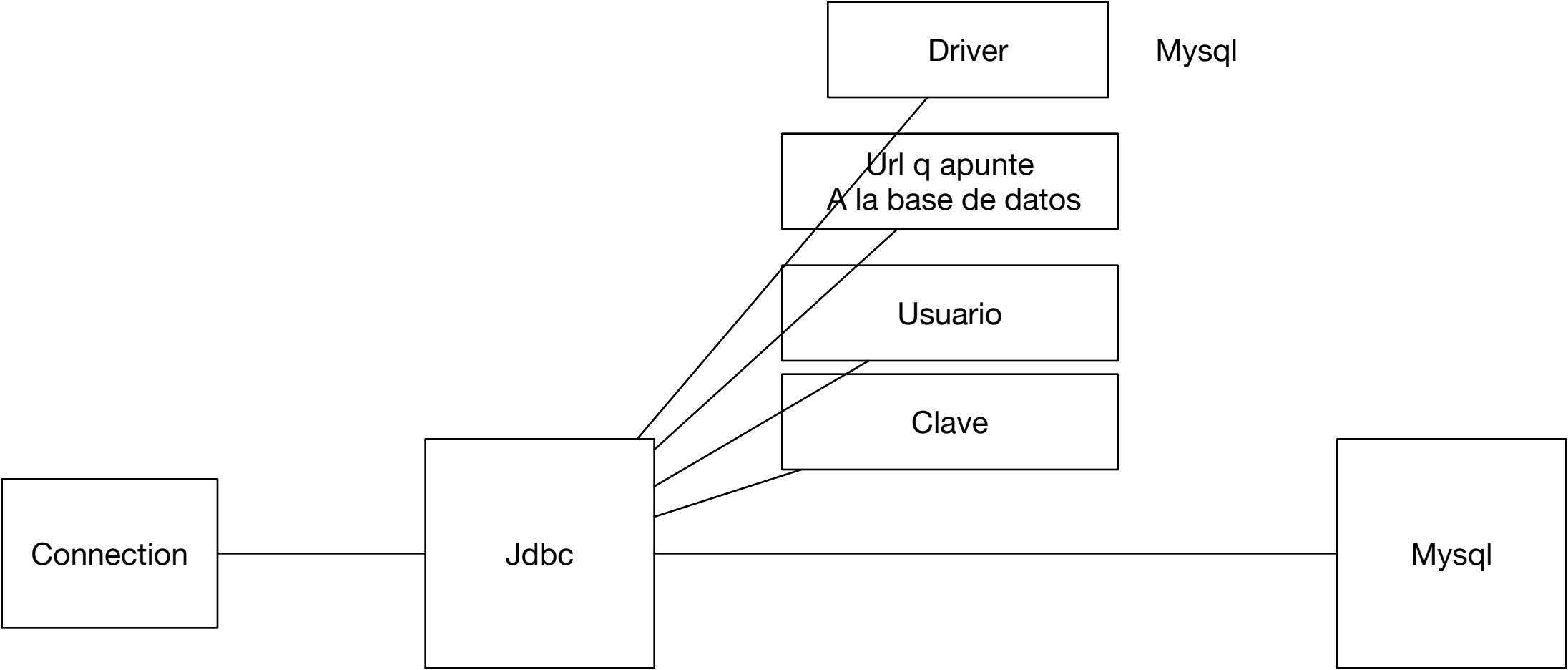
<Ordenador>

<Libro>

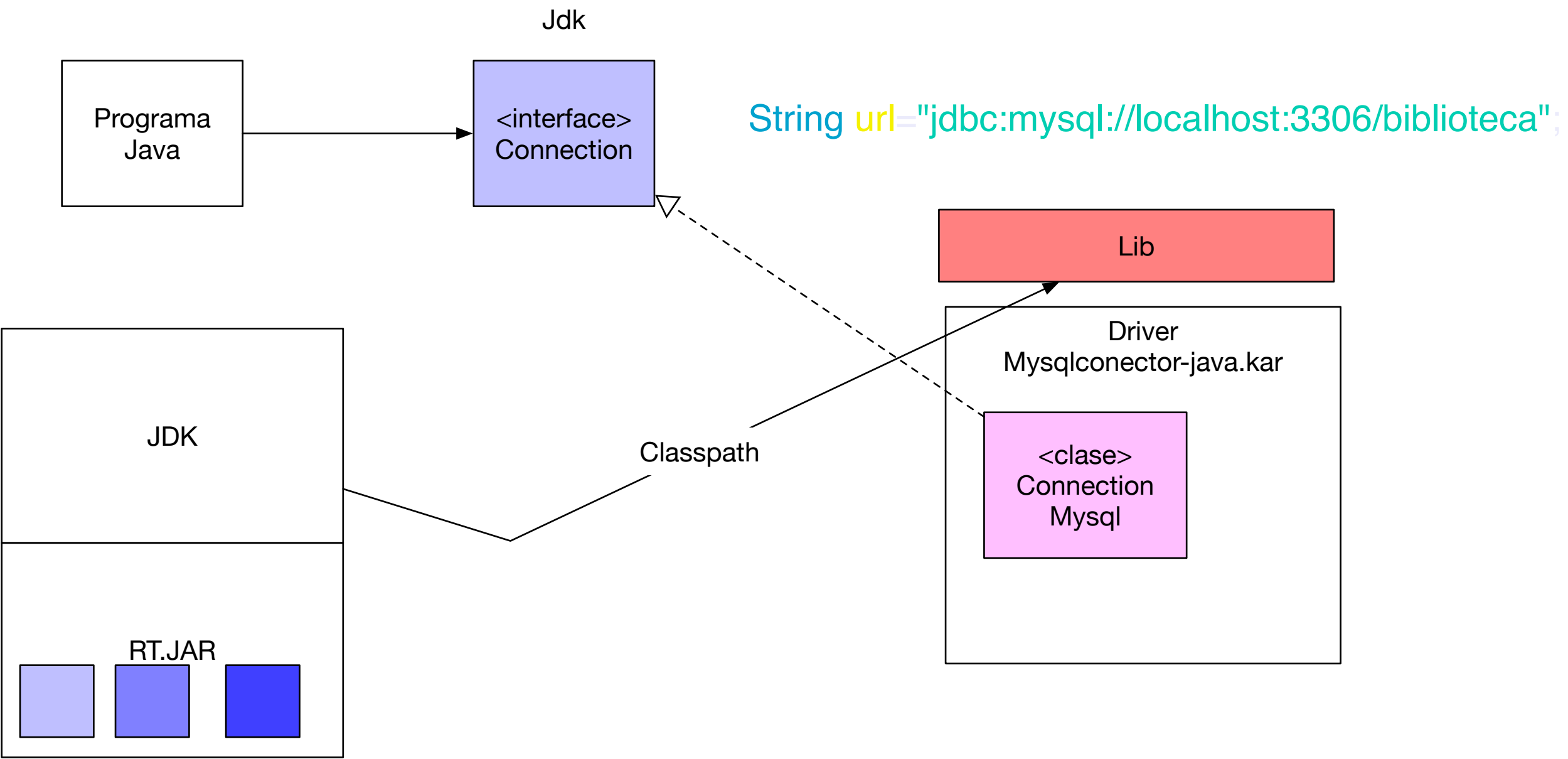
<int>

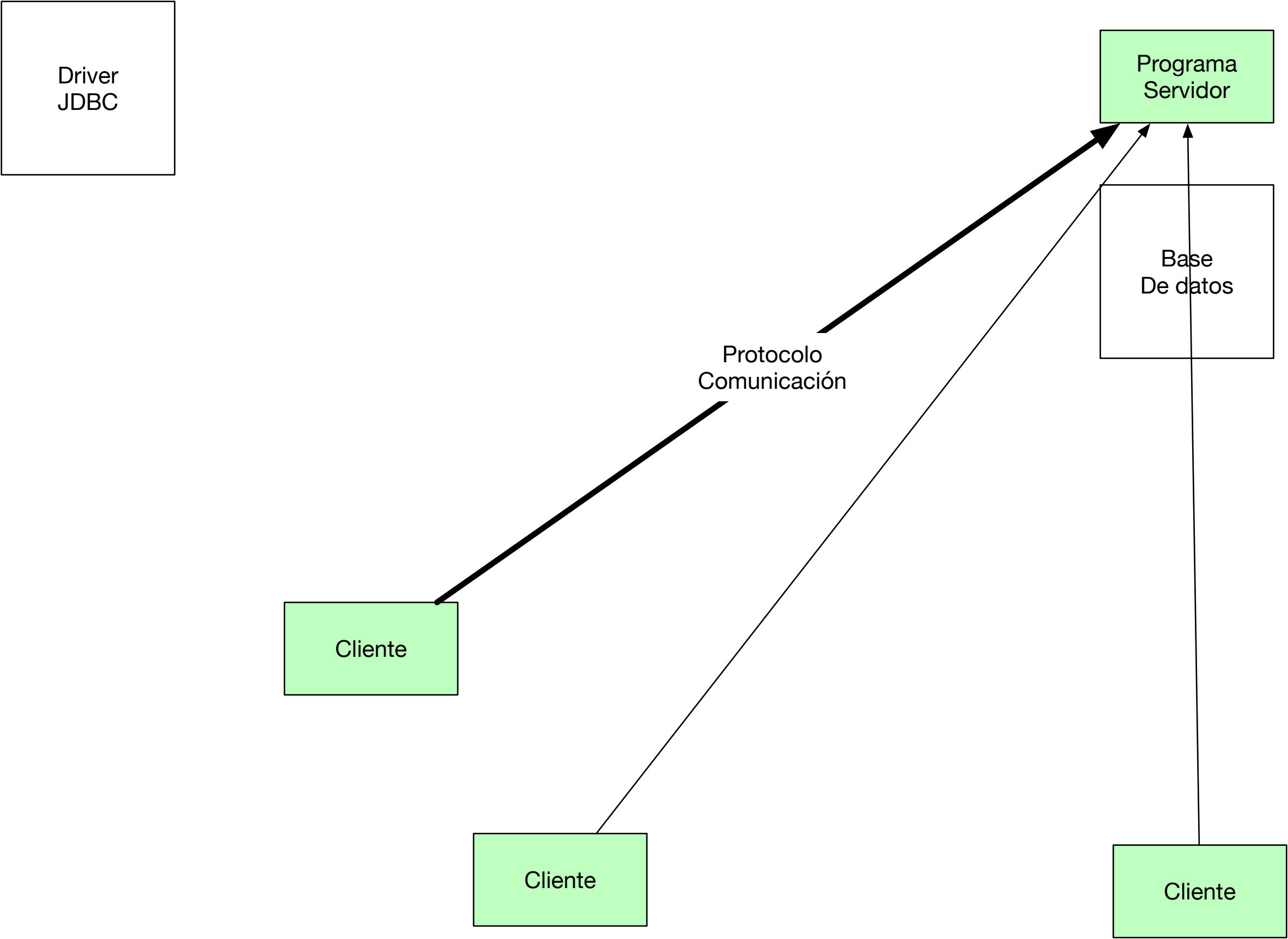
<Integer>





```
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.SQLException;
```





Fila de la. Tabla
1



Web

Libros web

Java

Libros Java

SQL
JOIN

Producto Cartesiano

1 a n

Fila de la. Tabla
N



1

Java2

Pedro

Java

2

Java5

Cecilio

Java

3

Php

Ana

Web

4

Html

Maria

Web

Web	Libros web	1	Java2	Pedro	Java
Web	Libros web	2	Java5	Cecilio	Java
Web	Libros web	3	Php	Ana	Web
Web	Libros web	4	Html	Maria	Web
Java	Libros Java	1	Java2	Pedro	Java
Java	Libros Java	2	Java5	Cecilio	Java
Java	Libros Java	3	Php	Ana	Web
Java	Libros Java	4	Html	Maria	Web

Juan

Oliver

Pepe

Repartidor

Latas Fabada

Chocolate

Galletas

Cafe

Pizza

Hamburguesa

Si llamo a la puerta de Juan

Juan tiene una etiqueta verde

Entrego todos los productos etiquetados verde

Latas Fabada

Latas Fabada

Latas Fabada

Furgoneta

Chocolate

Chocolate

Chocolate

Galletas

Galletas

Galletas

Cafe

Cafe

Cafe

Pizza

Pizza

Pizza

Hamburguesa

Hamburguesa

Hamburguesa



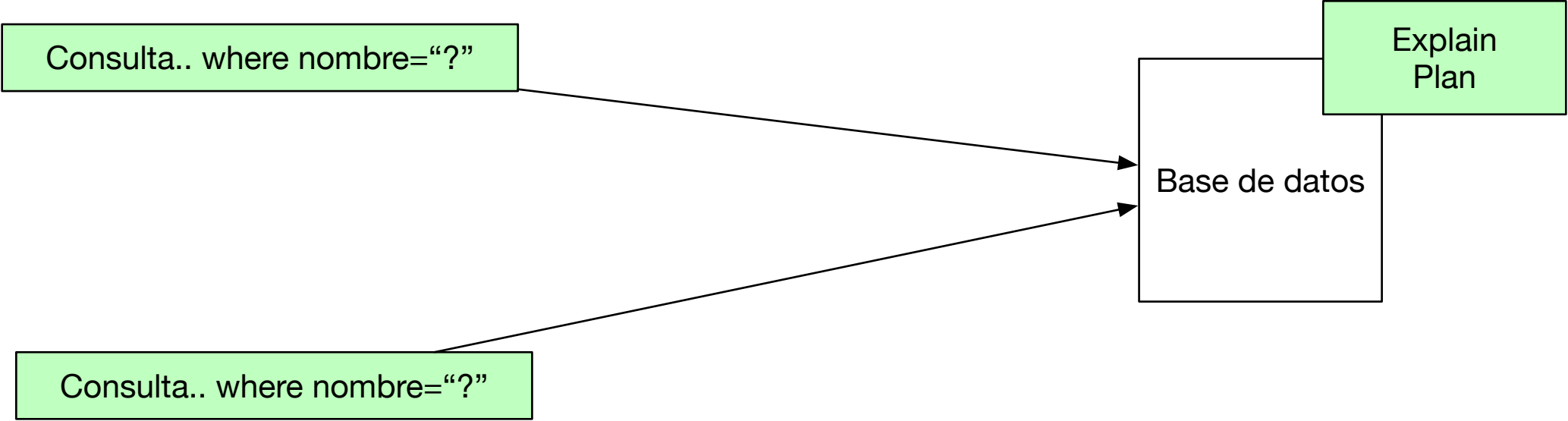
Validas

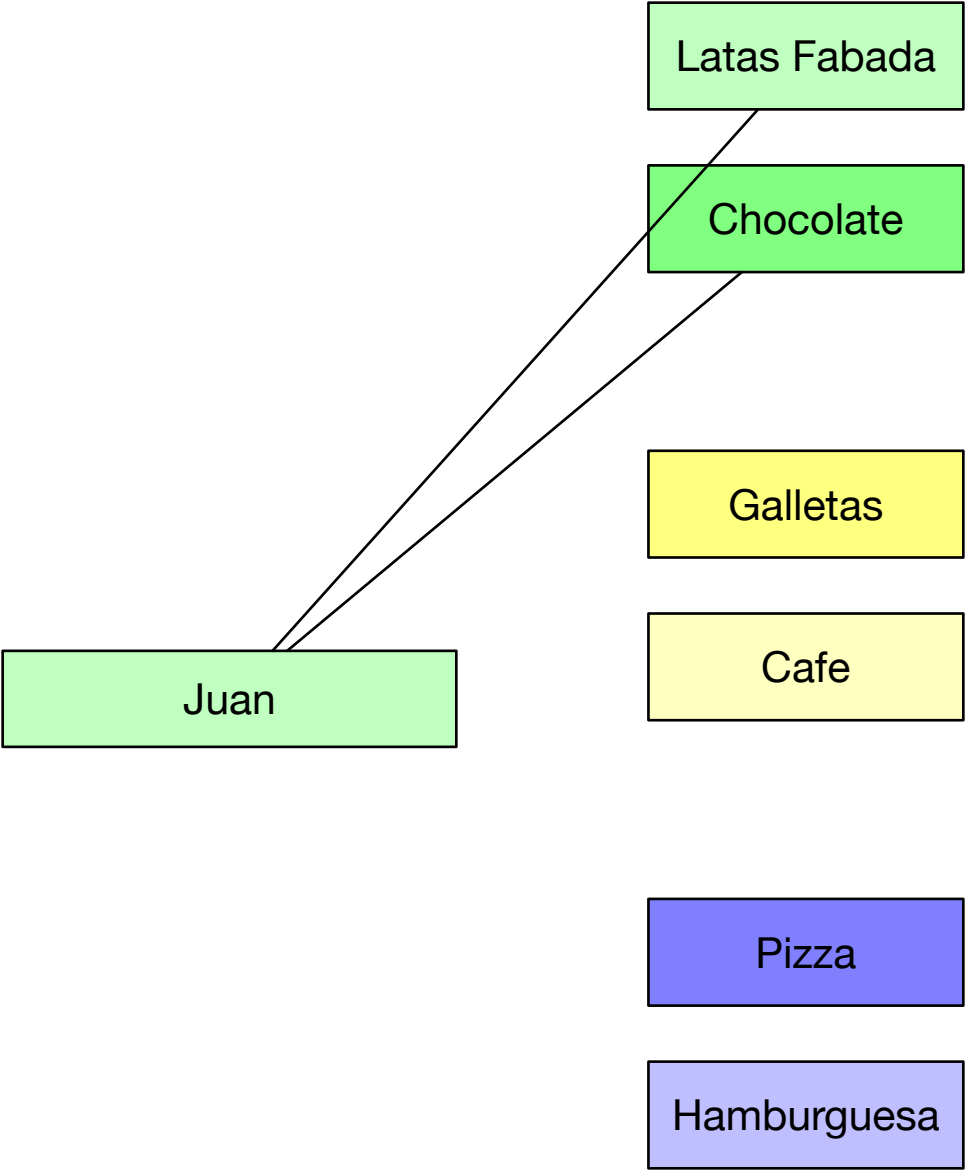
Consulta.. where nombre="?"

Explain
Plan

Base de datos

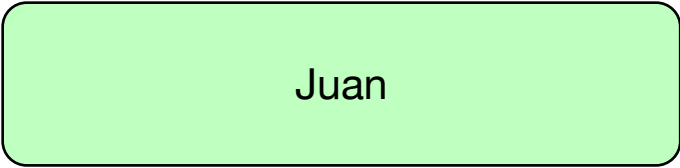
Consulta.. where nombre="?"





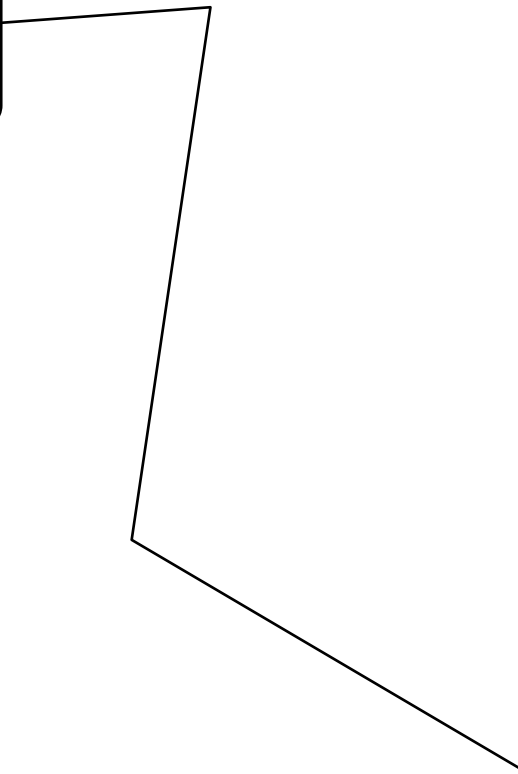
DTO(data transfer object)



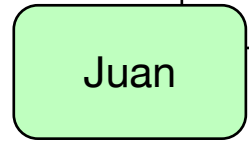


Juan

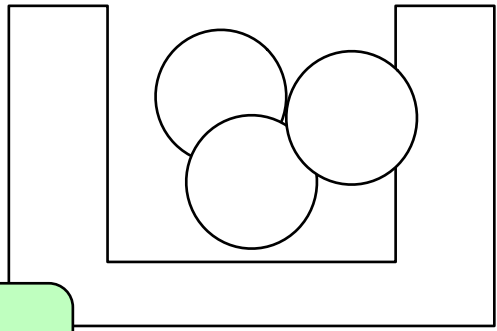
nombre= pegatina

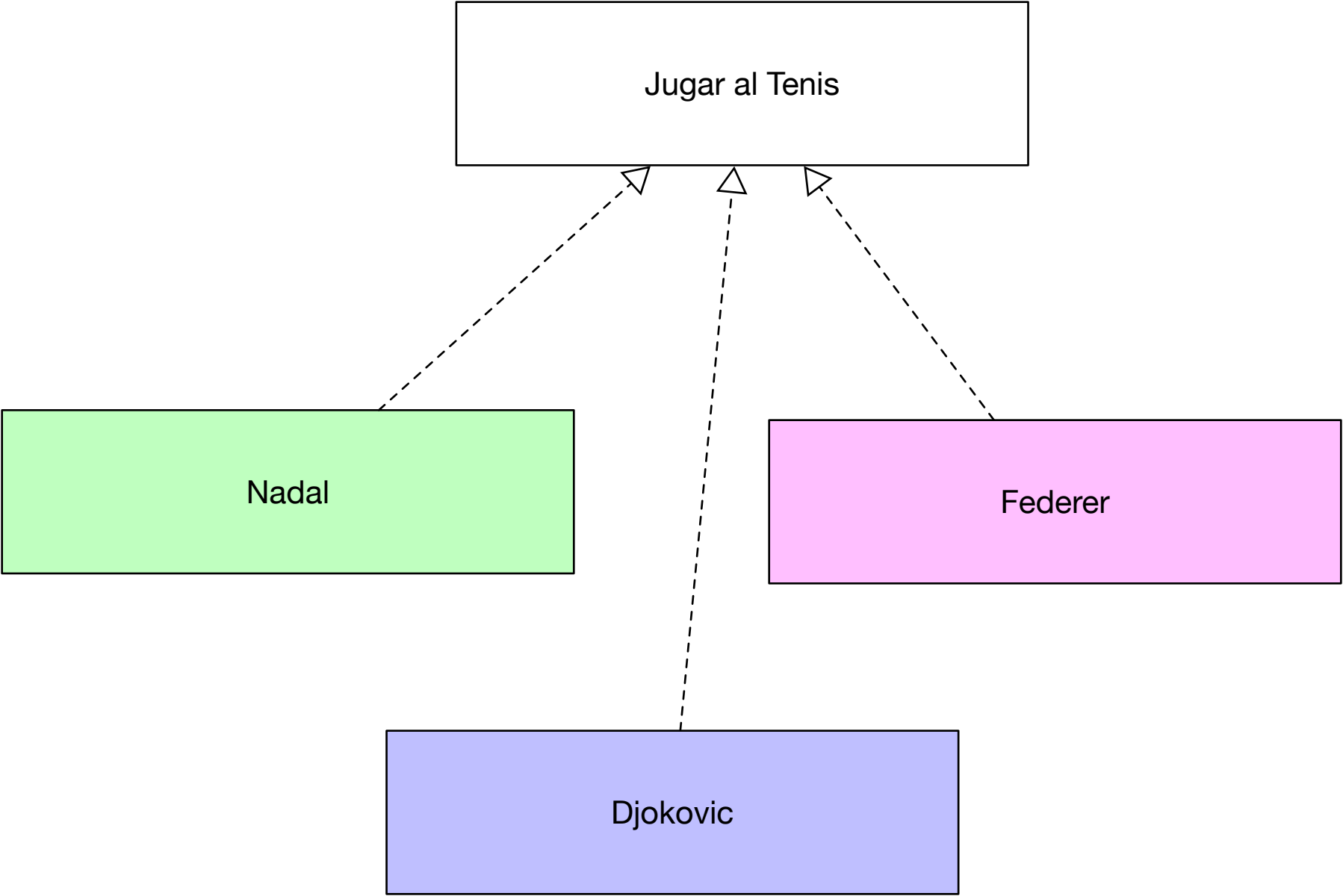


Foreign key
O clave externa



Juan





Libro

Isbn

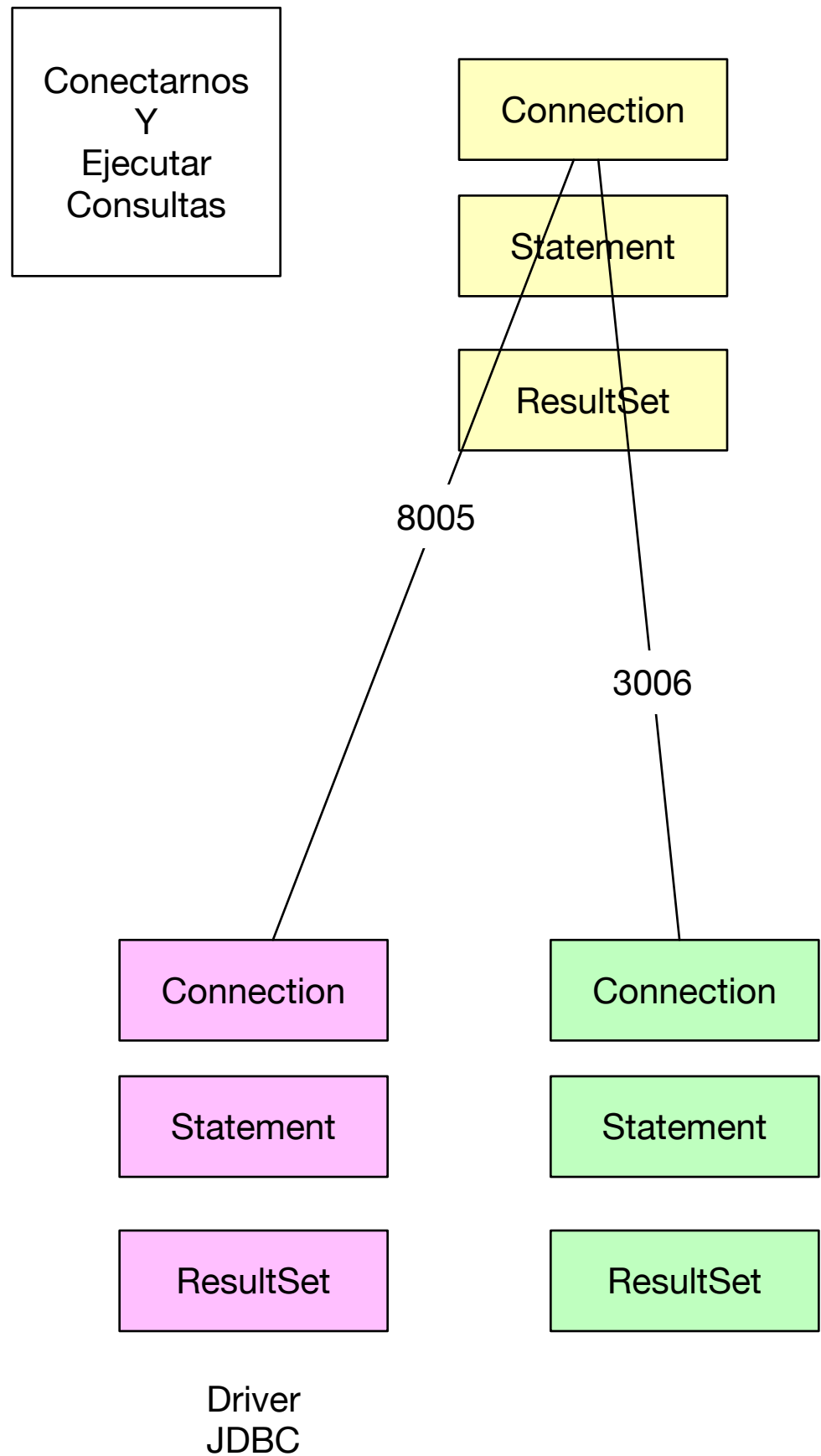
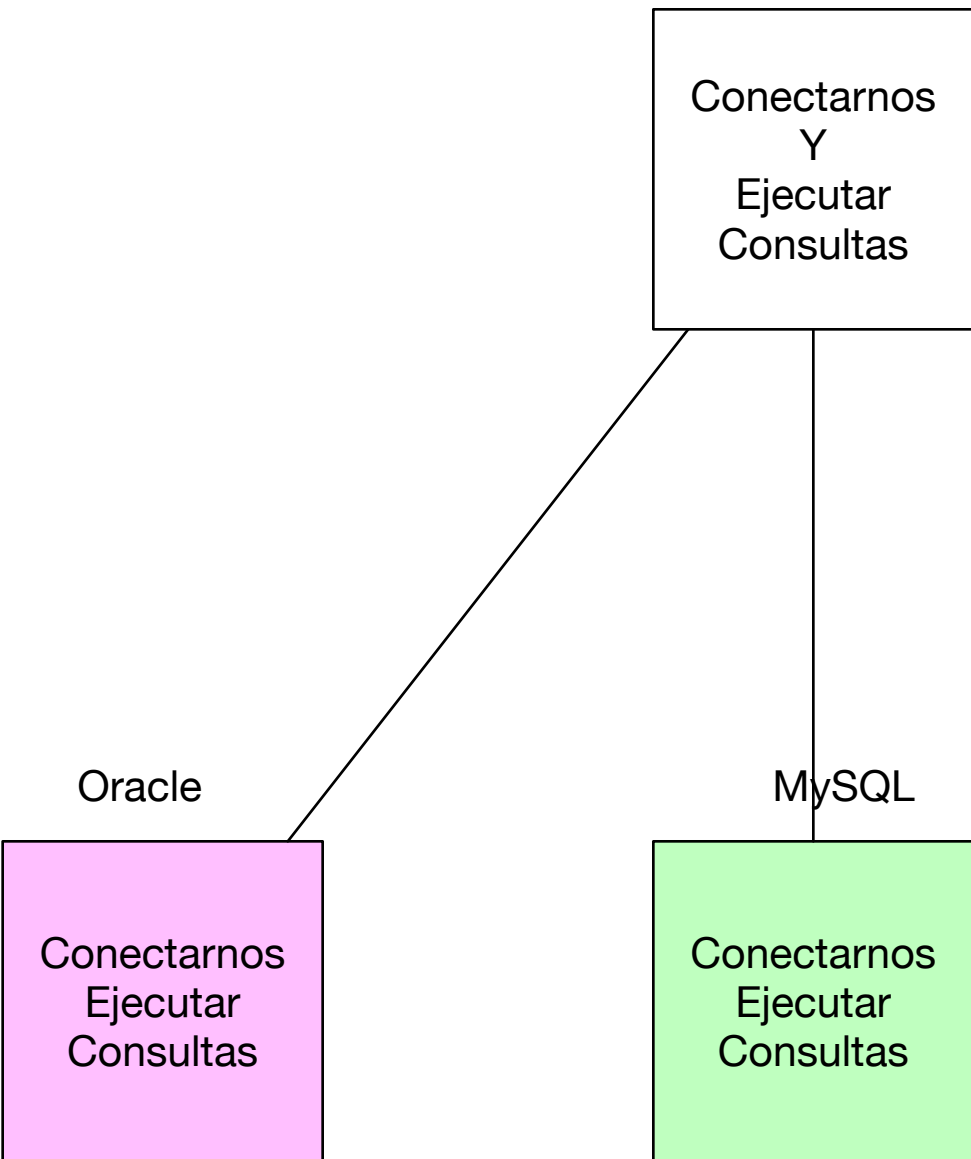
Titulo

insertar()

ActiveRecord

Update Libros set titulo="java", autor="cecilio"

Where isbn=5;

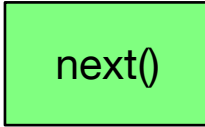
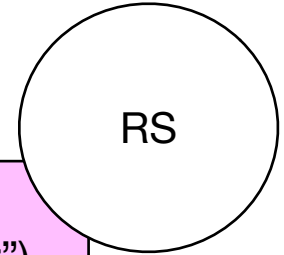


Delete from libros where isbn="5"

Update libros set autor='juan' where autor="pepe"

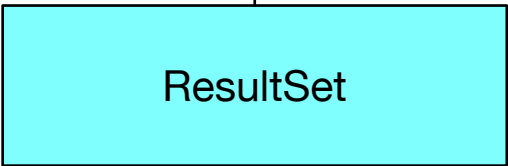
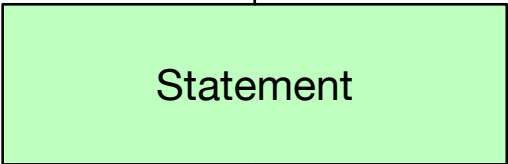
[illegible]

ResultSet rs:



getString("isbn")	getString("titulo")	getStirng("autor")
getString("isbn")	getStirng("titulo")	getStirng("autor")

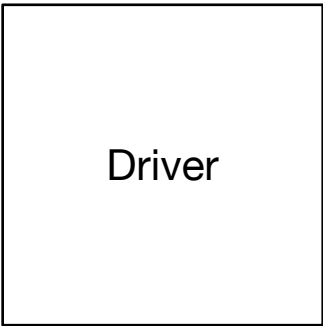




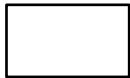
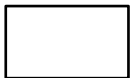
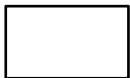
Inserción

Select

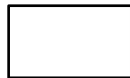
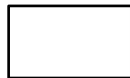
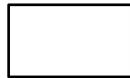
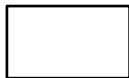
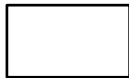
JAR



Driver



Zip



JAR



A Venn diagram consisting of two concentric circles. The outer circle is light green and labeled 'Integer'. The inner circle is light blue and labeled 'Int'. The inner circle is entirely contained within the outer circle, illustrating that 'Int' is a subset of 'Integer'.

Integer

Int

8

9

12

Deprecada