Building Applications Using Spring JDBC

INTRODUCTION

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@bh5k

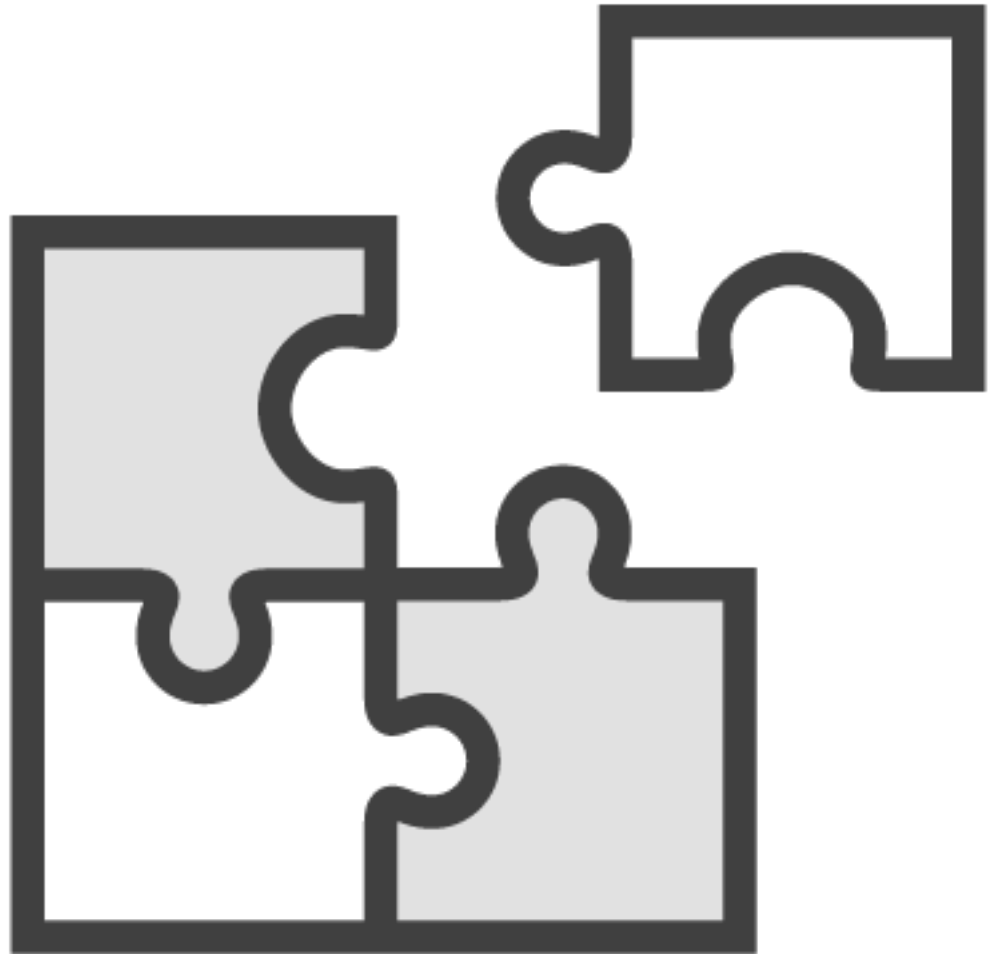JDBC Framework

Pattern based

Injected Resources

ORM

Existing Databases

The Problem

Complexity

Design

Portability

Business Focus

Business Focus

```java
public Car getById(String id) {
    Connection con = null;
    PreparedStatement stmt = null;
    ResultSet rs = null;

    try {
        String sql = "select * from CAR where ID = ?";
        con = DriverManager.getConnection("localhost:3306/cars");
        stmt = con.prepareStatement(sql);
        stmt.setString(1, id);
        rs = stmt.executeQuery();
        if(rs.next()) {
            Car car = new Car();
            car.setMake(rs.getString(1));
            return car;
        }
        else {
            return null;
        }
    } catch (SQLException e) { e.printStackTrace();}
    finally {
        try {
            if(rs != null && !rs.isClosed()) {
                rs.close();
            }
        } catch (Exception e) {}
    }
    return null;
}
```

The Solution

Configuration

Focus

Testing

Dependency Injection

Business Focus Revisited

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```

```java
public Car findCar(String id) {
    return jdbcTemplate.queryForObject(sql, Car.class, id);
}
```

Summary

What is Spring JDBC

The Problem

The Solution

Business Focus