

Spring Data

/thoughtworks

Spring Data MongoDB

What is Spring Data MongoDB?

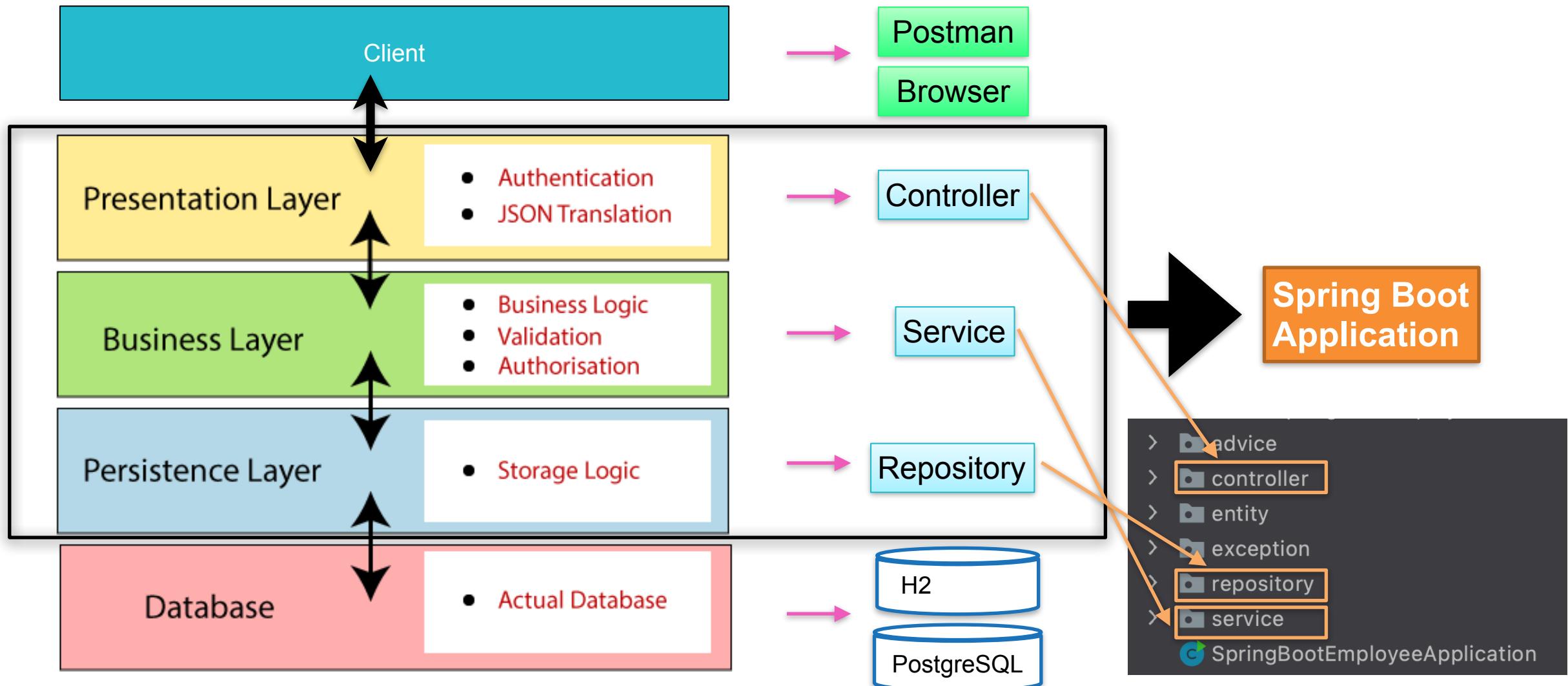
Spring Data is an open source framework based on Spring. Its main purpose is to simplify access to the database.

Spring Data provides corresponding functional modules for different types of databases.

Spring Data MongoDB is based on the Spring concept and is used to develop solutions that use MongoDB data storage.

<https://docs.spring.io/spring-data/mongodb/docs/current/reference/html/>

Overview of Spring Boot Application



Practice

Using Spring data MongoDB to refactor all **employee** API

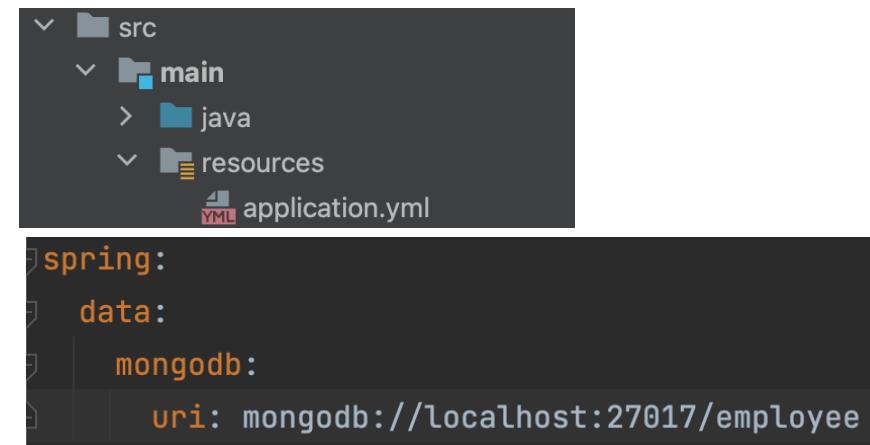
- Add Dependency:

```
implementation 'org.springframework.boot:spring-boot-starter-data-mongodb'
```

- Add Configuration:

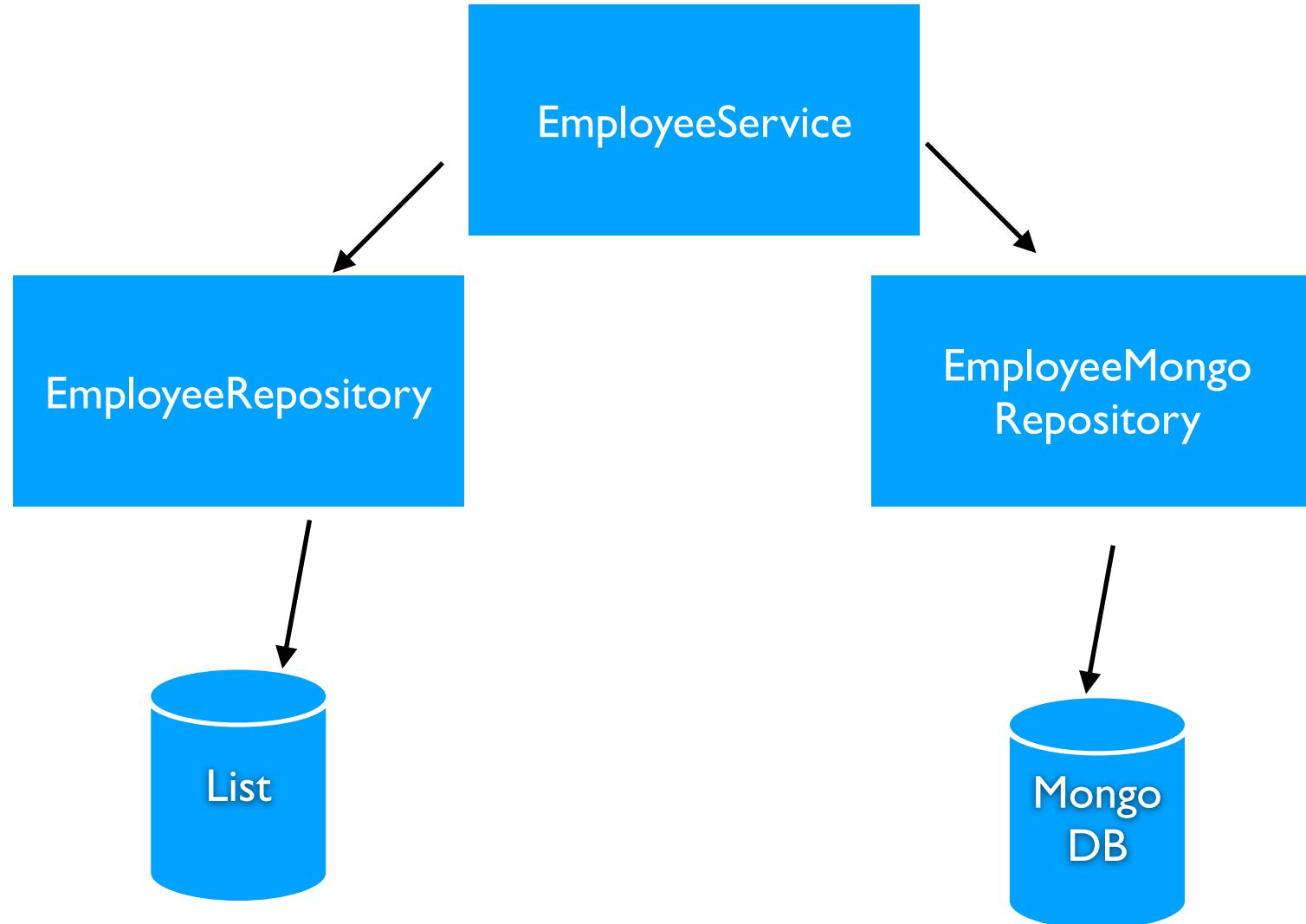
src/main/resources/application.yml

```
spring:  
  data:  
    mongodb:  
      uri: mongodb://localhost:27017/employee
```



<mongodb://admin:123456@localhost:27017/admin>

Practice



Practice

Using Spring data MongoDB to refactor all **company API**

Practice

Using embedded MongoDB for employee API test

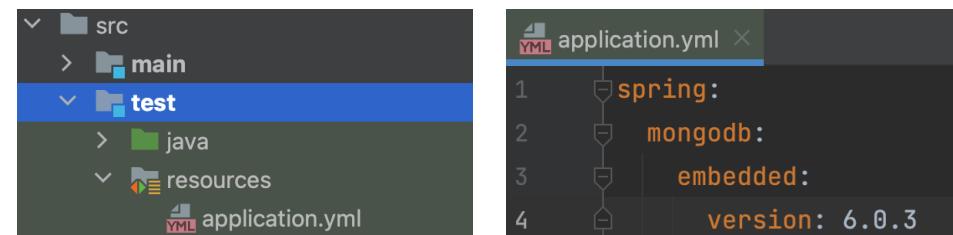
- Add Dependency:

```
testImplementation 'de.flapdoodle.embed:de.flapdoodle.embed.mongo:3.5.3'
```

- Add Configuration:

```
src/test/resources/application.yml
```

```
spring:  
mongodb:  
embedded:  
version: 6.0.3
```





AFS

Agile Full Stack
Developer Bootcamp
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A wide-angle photograph of a modern, curved staircase with white treads and black railings. Two silhouetted figures are walking up the stairs. The background is a vibrant gradient from blue to yellow.

Thank You !

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