

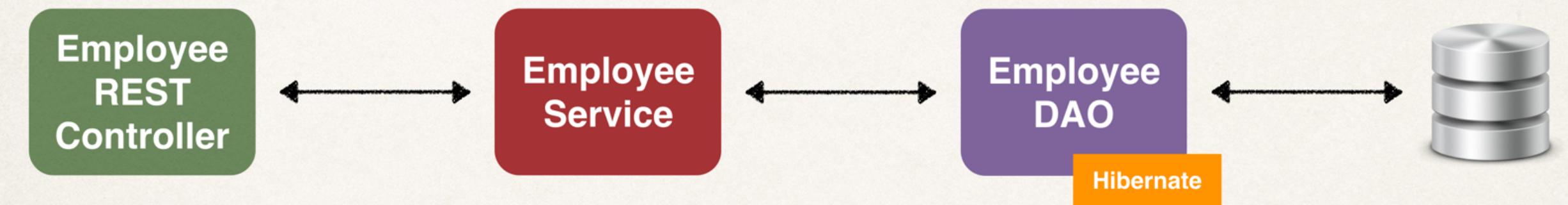
# Rest Controller Methods - Update and Delete



# Development Process

*Step-By-Step*

1. Set up Database Dev Environment
2. Create Spring Boot project using Spring Initializr
3. Get list of employees
4. Get single employee by ID
5. Add a new employee
6. Update an existing employee
7. Delete an existing employee



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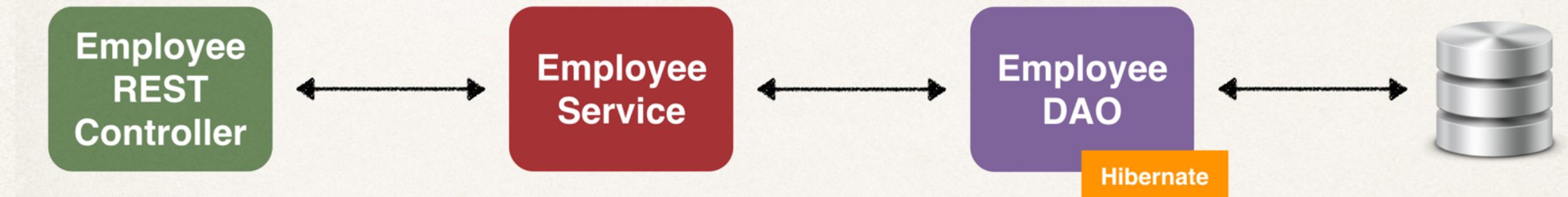


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Rest Controller  
methods



# Real-Time Project

HTTP Method		CRUD Action
GET	/api/employees	<u>Read a list of employees</u>
GET	/api/employees/{employeeId}	<u>Read a single employee</u>
POST	/api/employees	<u>Create a new employee</u>
PUT	/api/employees	<u>Update an existing employee</u>
DELETE	/api/employees/{employeeId}	<u>Delete an existing employee</u>

# Real-Time Project

Checkpoint

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# Update Employee

REST  
Client

Employee  
REST  
Controller

# Update Employee

REST  
Client

PUT

/api/employees

```
{  
    "id" : 1,  
    "firstName" : "Daniel",  
    "lastName" : "Vega",  
    "email" : "daniel.vega@luv2code.com"  
}
```

Employee  
REST  
Controller

# Update Employee

ID of employee to update  
With updated info

REST  
Client

PUT

/api/employees

```
{  
    "id" : 1,  
    "firstName" : "Daniel",  
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Employee  
REST  
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```

Employee  
REST  
Controller

Response contains  
updated info (echoed)

# Delete Employee

REST  
Client

Employee  
REST  
Controller

# Delete Employee

REST  
Client

**DELETE**

/api/employees/{employeeId}



Employee  
REST  
Controller

# Delete Employee

