

Spring Boot Data JPA



Presented By



Spring Data JPA

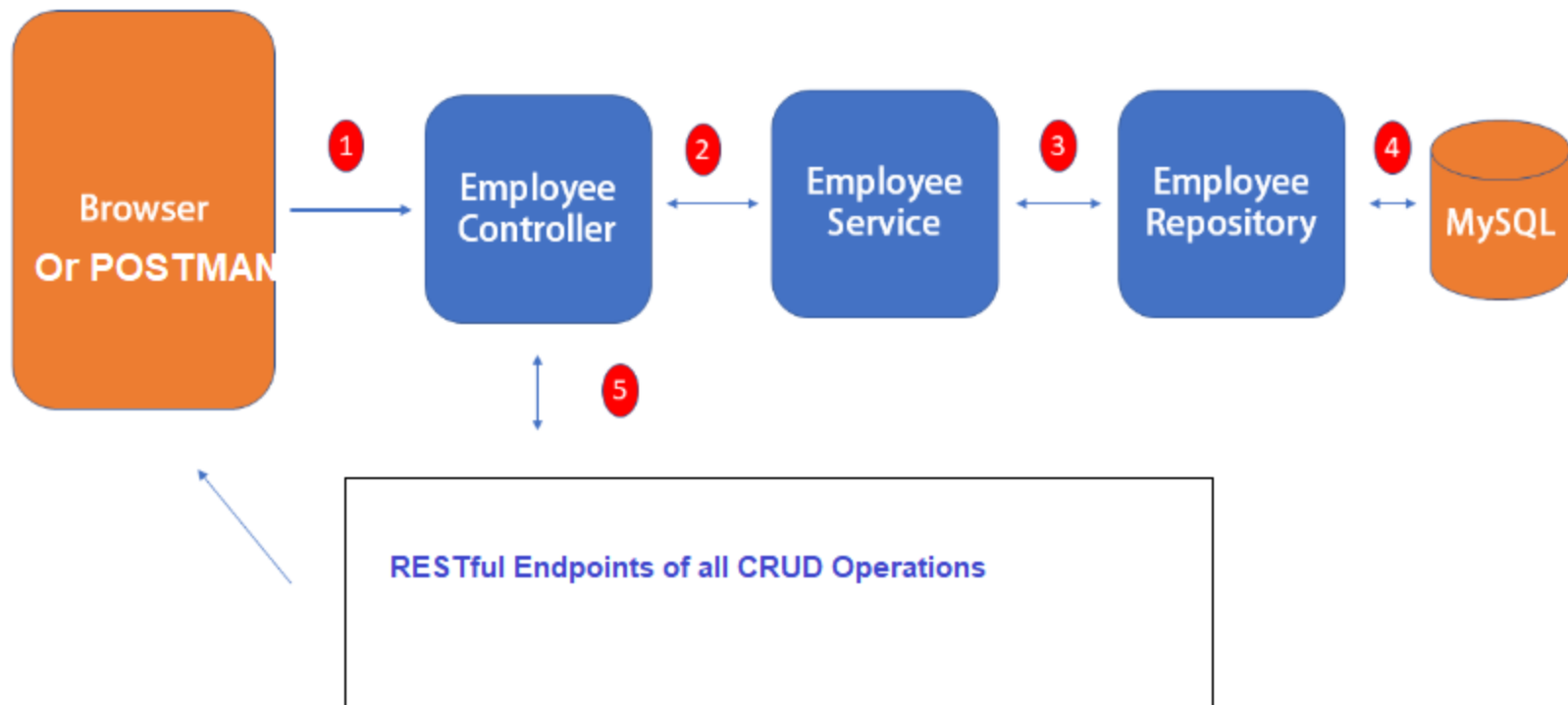
- Spring Data JPA focuses on using JPA to store data in a relational database.
- Its most compelling feature is **the ability to create repository implementations automatically, at runtime**, from a repository interface.
- Need not write an implementation of the repository interface.
- Spring Data JPA creates an implementation when you run the application.
- An interface that extends CrudRepository interface :

```
import org.springframework.data.repository.CrudRepository;
```

```
public interface CustomerRepository extends CrudRepository<Customer, Long> { }
```



Data JPA CrudRepository Flow



Data JPA CrudRepository built-in methods

Built-in methods :

`findAll()` - retrieves all entries

`findById(id).get()` - retrieves a row that has id

`save()` – to save and update

`deleteById(id)` – removes a single row that has id

`count()` – retrieves the number of rows

`existsById()` – returns boolean value if a row exists with id

**** Demo**



