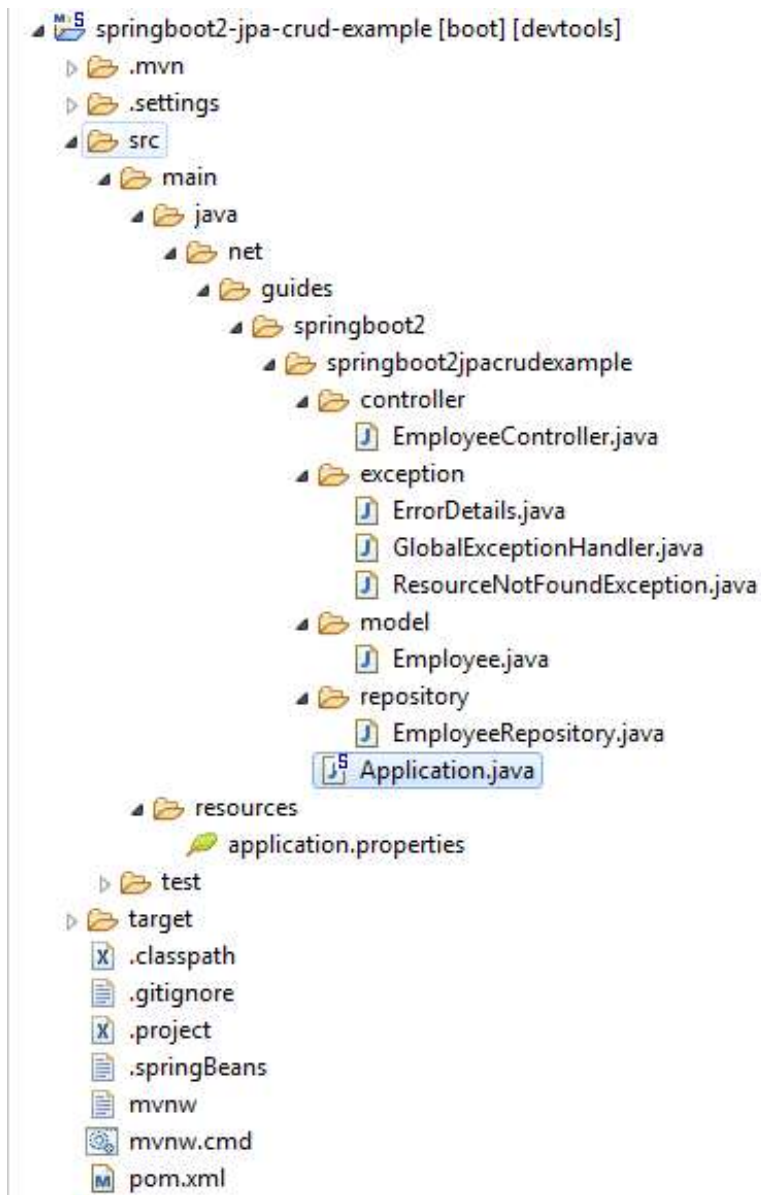


Packaging Structure

Following is the packing structure of our Employee Management System –



I have built **CRUD RESTful APIs** for a Simple Employee Management System using Spring Boot 2 JPA and H2 database. Following are five REST APIs (Controller handler methods) created for Employee resource.

Sr. No.	API Name	HTTP Method	Path	Status Code	Description
(1)	GET Employees	GET	/api/v1/employees	200 (OK)	All Employee resources are fetched.
(2)	POST Employee	POST	/api/v1/employees	201 (Created)	A new Employee resource is created.
(3)	GET Employee	GET	/api/v1/employees/{id}	200 (OK)	One Employee resource is fetched.
(4)	PUT Employee	PUT	/api/v1/employees/{id}	200 (OK)	Employee resource is updated.
(5)	DELETE Employee	DELETE	/api/v1/employees/{id}	204 (No Content)	Employee resource is deleted.

<http://localhost:8080/api/v1/employees/11>

GET

http://localhost:8080/api/v1/employees/11

Params

Send

Authorization

Headers (1)

Body

Pre-request Script

Tests

TYPE

Inherit auth from parent

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

This request is not inheriting any authorization helper at the moment. Save it in a collection to use the parent's authorization helper.

Body

Cookies

Headers (3)

Test Results

Status: 200 OK

Time: 59 ms

Pretty

Raw


Preview

JSON

```
1 {
2   "id": 11,
3   "firstName": "John",
4   "lastName": "Cena",
5   "emailId": "johncena@gmail.com"
6 }
```

<http://localhost:8080/api/v1/employees>

GET <http://localhost:8080/api/v1/employees> Params Send

Pretty Raw Preview JSON 


```
1 [
2   {
3     "id": 7,
4     "firstName": "Ramesh",
5     "lastName": "Fadatare",
6     "emailId": "ramesh24@gmail.com"
7   },
8   {
9     "id": 8,
10    "firstName": "Ramesh",
11    "lastName": "Fadatare",
12    "emailId": "ramesh24@gmail.com"
13  },
14  {
15    "id": 11,
16    "firstName": "John",
17    "lastName": "Cena",
18    "emailId": "johncena@gmail.com"
19  }
20 ]
```

<http://localhost:8080/api/v1/employees/7>

PUT <http://localhost:8080/api/v1/employees/7> Params Send

```
1 {
2   "firstName": "John",
3   "lastName": "Cena",
4   "emailId": "johncena@gmail.com"
5 }
```

Body Cookies Headers (3) Test Results Status: 200 OK Time: 155 ms

Pretty Raw Preview JSON 

```
1 {
2   "id": 7,
3   "firstName": "John",
4   "lastName": "Cena",
5   "emailId": "johncena@gmail.com"
6 }
```


<http://localhost:8080/api/v1/employees/11>




DELETE ▾

http://localhost:8080/api/v1/employees/11

Params

Send ▾

PrettyRawPreviewJSON ▾



1 ▾ {

2 "deleted": true

3 }|