**SME:**

**What happens in the controller method?**

1. **Logs START**
2. **Loads Spring context from country.xml**
3. **Retrieves the bean with ID in (India)**
4. **Returns the bean object → Spring auto-serializes it to JSON**
5. **Logs END**

**How is the Bean converted to JSON?**

* **Spring Boot uses Jackson by default (via spring-boot-starter-web)**
* **The returned Java object (Country) is automatically serialized to JSON when returned from a method annotated with @RestController or @ResponseBody**

**In Chrome DevTools: View HTTP Headers**

1. **Press F12 → Open Network tab**
2. **Hit the URL: http://localhost:8083/country**
3. **Click on the /country request**

**Response Headers you'll see:**

**Content-Type: application/json**

**Content-Length: XX**

**Date: [timestamp]**

**Request Headers you'll see:**

**Host: localhost:8083**

**User-Agent: [Browser Info]**

**Accept: application/json**

**In Postman: View HTTP Headers**

1. **Open Postman → Set method to GET, enter http://localhost:8083/country**
2. **Click Send**
3. **Click on Headers tab in the response**

**Request Headers:**

* **Accept: \*/\***
* **Host: localhost:8083**
* **User-Agent: PostmanRuntime/...**

**Response Headers:**

* **Content-Type: application/json**
* **Content-Length: XX**
* **Connection: keep-alive**