

## SME EXPLANATION

### Controller Method

```
@RequestMapping("/country")

public Country getCountryIndia() {

    ClassPathXmlApplicationContext context = new
    ClassPathXmlApplicationContext("country.xml");

    Country country = (Country) context.getBean("country");

    context.close();

    return country;

}
```

Step	What Happens
1.	Spring receives a GET request to /country
2.	getCountryIndia() is invoked
3.	Spring loads country.xml using ClassPathXmlApplicationContext
4.	The bean with id "country" is retrieved from XML
5.	The method returns the Country object
6.	Spring Boot (using Jackson) automatically converts the object into JSON

### The bean is converted into a JSON response

- Spring Boot includes **Jackson**, a JSON library.
- The returned object is passed through **HttpMessageConverter**.
- Since the controller is annotated with **@RestController**, Spring treats the object as the **response body**.

```
{
  "code": "IN",
  "name": "India"
}
```