

<https://github.com/zzzrod1/springboot-restful-webservices.git>

The screenshot shows the Spring Initializr web application in a browser. The interface is dark-themed and organized into several sections:

- Project:** Includes radio buttons for **Gradle - Groovy**, **Gradle - Kotlin**, **Java** (selected), **Kotlin**, and **Groovy**. Below this is a **Maven** section.
- Spring Boot:** Features radio buttons for versions: **4.0.1 (SNAPSHOT)**, **4.0.0** (selected), **3.5.9 (SNAPSHOT)**, **3.5.8**, **3.4.13 (SNAPSHOT)**, and **3.4.12**.
- Project Metadata:** A form with fields for **Group** (net.javaguides), **Artifact** (springboot-restful-webservices), **Name** (springboot-restful-webservices), **Description** (Demo project for Spring Boot Restful Webservices), and **Package name** (net.javaguides.springboot-restful-webservices). It also has options for **Packaging** (**Jar** selected, War), **Configuration** (**Properties** selected, YAML), and **Java** version (**25**, **21**, **17** selected).
- Dependencies:** A list of selected dependencies with an **ADD DEPENDENCIES...** button. The listed dependencies are:
 - Spring Web** (WEB): Build web, including RESTful, applications using Spring MVC. Uses Apache Tomcat as the default embedded container.
 - Spring Data JPA** (SQL): Persist data in SQL stores with Java Persistence API using Spring Data and Hibernate.
 - Lombok** (DEVELOPER TOOLS): Java annotation library which helps to reduce boilerplate code.
 - MySQL Driver** (SQL): MySQL JDBC driver.

At the bottom, there are three buttons: **GENERATE** (CTRL + G), **EXPLORE** (CTRL + SPACE), and an ellipsis menu.

CREATE

Postman interface showing a POST request to `http://localhost:3000/api/users`. The request body is JSON:

```
{  "firstName": "Rod",  "lastName": "Balaoro",  "email": "balaororodanthony01@gmail.com"}
```

The response status is 201 Created, 203 ms, 256 B. The response body is JSON:

id	firstName	lastName	email
1	Rod	Balaoro	balaororodanthony01@gmail.com

phpMyAdmin interface showing the `users` table in the `user_management` database. The query results show 2 rows:

id	email	first_name	last_name
1	balaororodanthony01@gmail.com	Rod	Balaoro
2	balaororeg@gmail.com	Regine	Balaoro

READ

HomeWorkspacesAPI Network

Search PostmanCtrl K

Invite

Upgrade

wqeqweqweNewImport

Search collections

Contract Testing

help

POST Post Request

GET Get Request

Integration Testing

Intro to Writing Tests

Performance Testing

Regression Testing

History

Flows

FilesBETA

OverviewPOST PostGET Get RNew SRunneGET+No environment

help / Get RequestSaveShare

GEThttp://localhost:3000/api/users/1Send

DocsParamsAuthHeaders (6)BodyScriptsSettingsCookies

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body200 OK943 ms251 BSave Response

JSON

PreviewVisualize

```
{
  "id": 1,
  "firstName": "Rod",
  "lastName": "Balaoro",
  "email": "balaorozodanthony91@gmail.com"
}
```

Comments

Ask questions or provide feedback. Use @mention to notify people.

Comment

RunnerStart ProxyCookiesVaultTrash

HTTP

help / Get Request

Save

Share

GET

http://localhost:3000/api/users/2

Send

Docs

Params

Auth

Headers (6)

Body

Scripts

Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body

200 OK

50 ms

245 B

Save Response

{ } JSON

Preview

Visualize

```
1 {
2   "id": 2,
3   "firstName": "Regine",
4   "lastName": "Balaoro",
5   "email": "balaororeg@gmail.com"
6 }
```

UPDATE

PUT

http://localhost:3000/api/users/1

Send

Docs Params Auth Headers (8) Body Scripts Settings

Cookies

raw

JSON

Schema Beautify

```
1 {  
2   "firstName": "Anthony",  
3   "lastName": "Balaoro",  
4   "email": "Anthony@gmail.com"  
5 }
```

Body

200 OK

363 ms

243 B



Save Response

{ } JSON

Preview

Visualize



```
1 {  
2   "id": 1,  
3   "firstName": "Anthony",  
4   "lastName": "Balaoro",  
5   "email": "Anthony@gmail.com"  
6 }
```

BrowseStructureSQLSearchInsertExportImportPrivilegesOperationsTriggers

Showing rows 0 - 1 (2 total, Query took 0.0003 seconds.)

SELECT * FROM `users`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

idemailfirst_namelast_name

Edit

Copy

Delete

1

Anthony@gmail.com

Anthony

Balaoro

Edit

Copy

Delete

2

balaororeg@gmail.com

Regine

Balaoro

Check all

With selected:

Edit

Copy

Delete

Export

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

DELETE

DELETE

http://localhost:3000/api/users/1

Send

Docs Params Auth Headers (8) Body Scripts Settings

Cookies

raw JSON

Schema Beautify

```
1 {  
2   "firstName": "Anthony",  
3   "lastName": "Balaoro",  
4   "email": "Anthony@gmail.com"  
5 }
```

Body

200 OK • 605 ms • 190 B • Save Response

Raw Preview Visualize

Copy Search Copy Link

1 User successfully deleted!

Server: 127.0.0.1 » Database: user_management » Table: users

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Triggers

✓ Showing rows 0 - 0 (1 total, Query took 0.0007 seconds.)

SELECT * FROM `users`

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all

Number of rows: 25

Filter rows:

Extra options

↩ ↪

idemailfirst_namelast_name

☐ [Edit](#) [Copy](#) [Delete](#) 2 balaorereg@gmail.com Regine Balaoro

⬆

☐ Check all

With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all

Number of rows: 25

Filter rows:

Query results operations

[Print](#)

[Copy to clipboard](#)

[Export](#)

[Display chart](#)

[Create view](#)