

ToLocation	FromLocation	amount
A	B	1500 Rs
A	C	
A	D	
B	C	
B	D	

Project 1

Eureka Server → 8761

Starter : Eureka and Web Starter

application.properties

```
server.port=8761
eureka.client.register-with-eureka=false
eureka.client.fetch-registry=false
```

main class with @EnableEurekaServer annotation

Book cab micro service-→ 8181

Web Starter @controller view can be thymeleaf or jsp

Thymeleaf

Eureka Client

JPA Starter

Mysql starter

Dev tools

Booking table

Bid	Name	DateAndTime	Fare	etc
-----	------	-------------	------	-----

Book cab micro service going to communicate fare micro service to get the fare base upon A to B distance.

View

As JSP or Thymeleaf then @Controller

View as

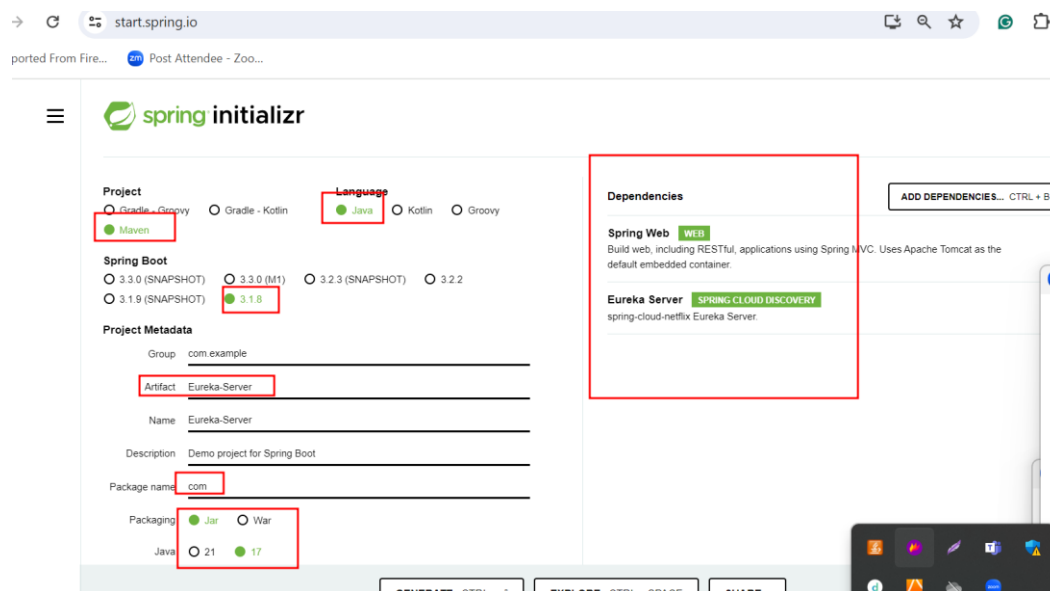
Angular then @RestController

<https://start.spring.io/>

Project 1

Eureka Server → 8761

Starter : Eureka and Web Starter



In application.properties file

```
server.port=8761
```

```
eureka.client.register-with-eureka=false
```

```
eureka.client.fetch-registry=false
```

Main class

```
package com;
```

```
import org.springframework.boot.SpringApplication;
```

```
import org.springframework.boot.autoconfigure.SpringBootApplication;
```

```
import org.springframework.cloud.netflix.eureka.server.EnableEurekaServer;
```

```
@SpringBootApplication
```

```
@EnableEurekaServer
```

```
public class EurekaServerApplication {
```

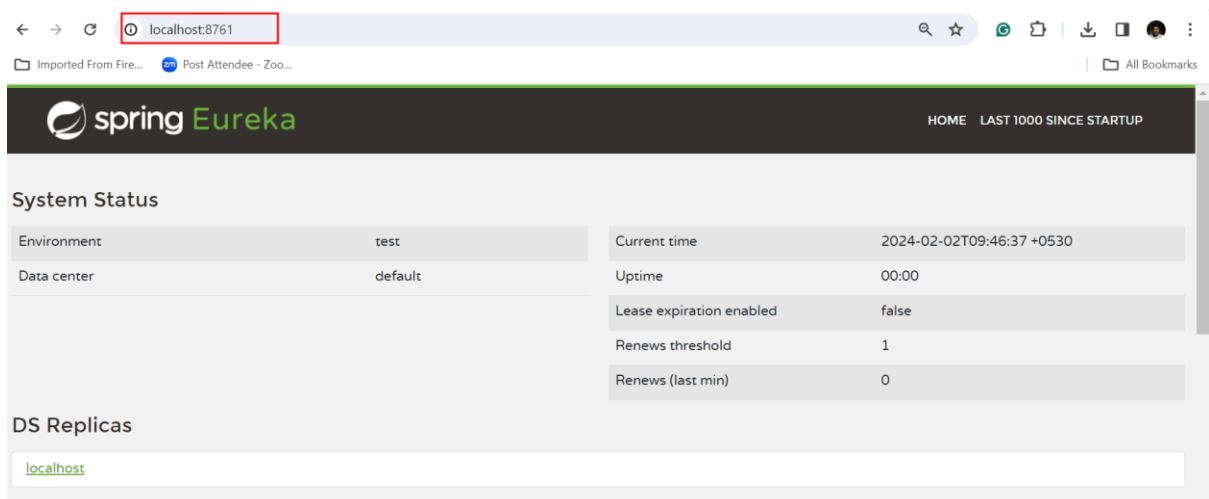
```
    public static void main(String[] args) {
```

```
        SpringApplication.run(EurekaServerApplication.class, args);
```

```
        System.err.println("Eureka Server up on port number 8761");
```

```
    }
```

```
}
```



Book cab micro service-→ 8181

Web Starter

@controller

view can be thymeleaf or jsp

Thymeleaf

Eureka Client

JPA Starter

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Dev tools

ported from Hire... Post Attendee - 200...

The screenshot shows the Spring Initializr web application. It features a sidebar with a hamburger menu icon. The main content area is divided into several sections:

- Project:** Includes radio buttons for **Gradle - Groovy**, **Gradle - Kotlin**, **Java** (selected), **Kotlin**, and **Groovy**. Below this is a radio button for **Maven** (selected).
- Spring Boot:** Includes radio buttons for **3.3.0 (SNAPSHOT)**, **3.3.0 (M1)**, **3.2.3 (SNAPSHOT)**, and **3.2.2**. Below this is a radio button for **3.1.9 (SNAPSHOT)** and **3.1.8** (selected).
- Project Metadata:** Includes input fields for **Group** (com.example), **Artifact** (BookCabMicroService), **Name** (BookCabMicroService), **Description** (Demo project for Spring Boot), and **Package name** (com).
- Packaging:** Includes radio buttons for **Jar** (selected) and **War**.
- Language:** Includes radio buttons for **Java** (selected), **21**, and **17**.
- Dependencies:** Includes a button labeled **ADD DEPENDENCY** and a list of dependencies with their categories in green boxes: **Spring Web** (WEB), **Thymeleaf** (TEMPLATE ENGINES), **Eureka Discovery Client** (SPRING CLOUD DISCOVERY), **Spring Data JPA** (SQL), **MySQL Driver** (SQL), and **Spring Boot DevTools** (DEVELOPER TOOLS).

Booking table

Bid	Name	DateAndTime	Source	Destination	Fare
etc					

Book cab micro service going to communicate fare micro service to get the fare base upon A to B distance.

3rd projects

```
server.port=8282
spring.application.name=cabfareservice
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.datasource.url=jdbc:mysql://localhost:3306/cab_fare
spring.datasource.username=root
spring.datasource.password=root@123
spring.jpa.hibernate.ddl-auto=update
```

Cab Fare

Table

From	To	type of Cab	fare
A	B	Innova	8000
A	B	swift	6500

Eureka Server running on one machine 8761 port number

With IP Address

192.168.23.56

CabFare micro service

By default they search eureka server on same machine with port number 8761. But if it run on another machine. We need to write in application.properties file id address with port number 8761,

192.168.23.57

CabFare micro service

By default they search eureka server on same machine with port number 8761. But if it run on another machine. We need to write in application.properties file id address with port number 8761,

192.168.23.58