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 fake base upon A to B distance.

View

As JSP or Thymeleaf then @Controller

View as

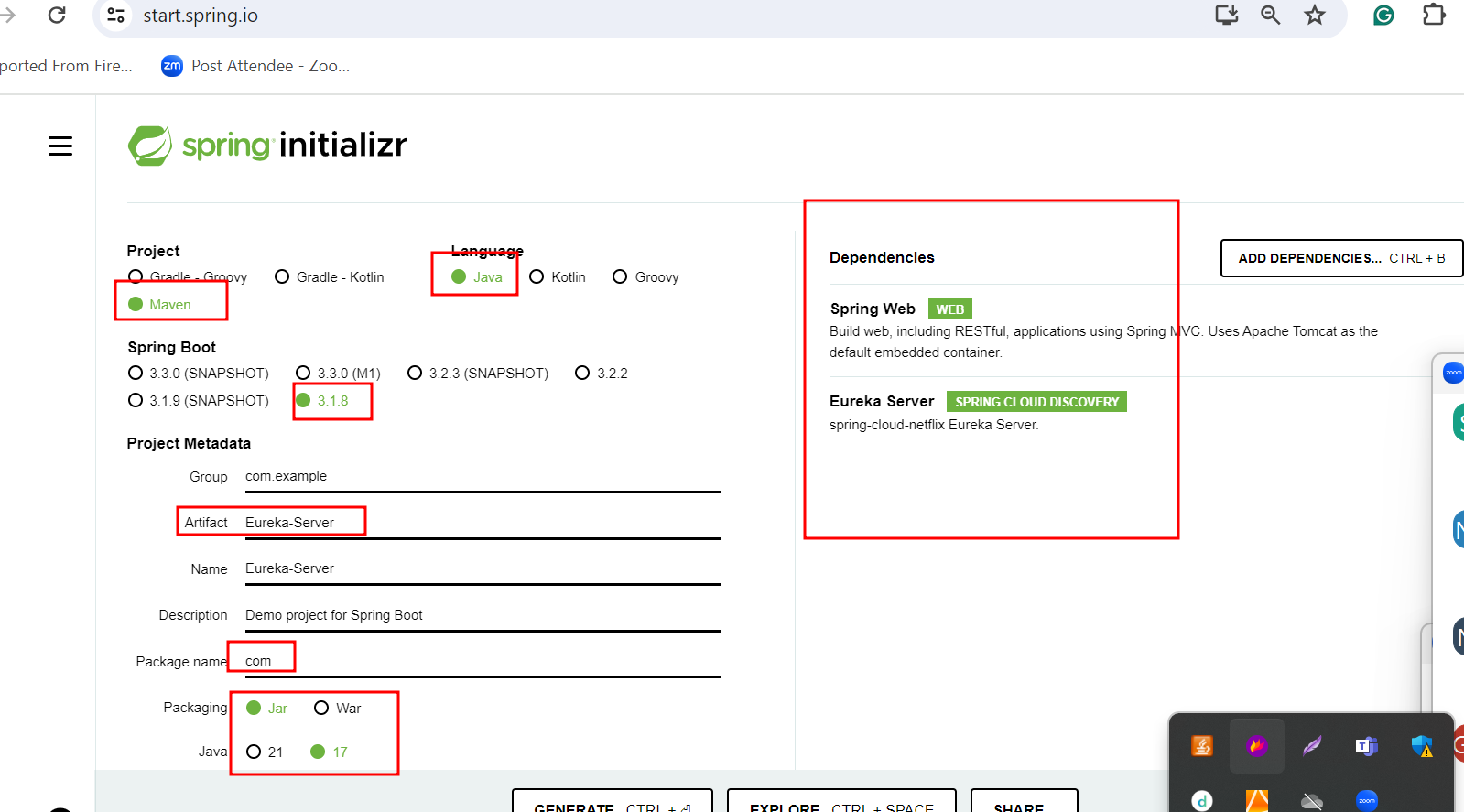
Angular then @RestController

<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 {

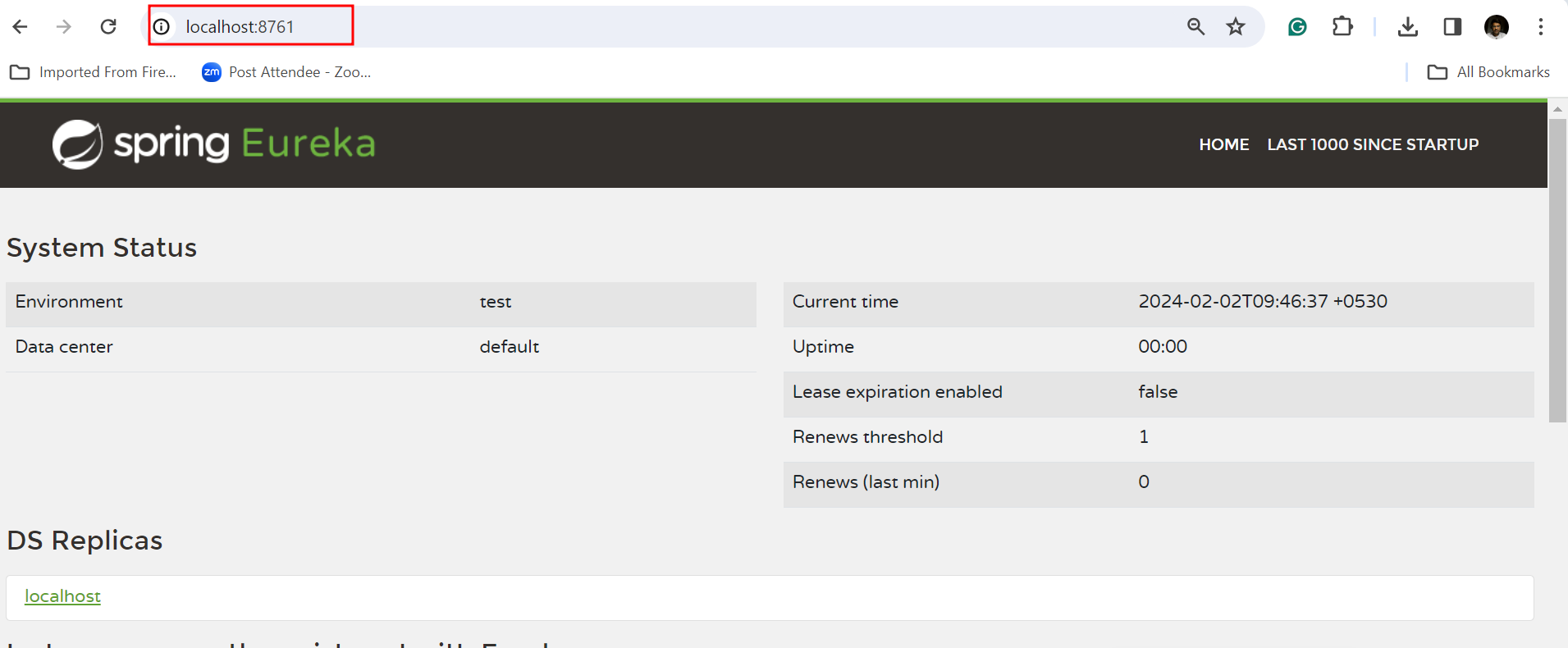
public static void main(String[] args) {

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

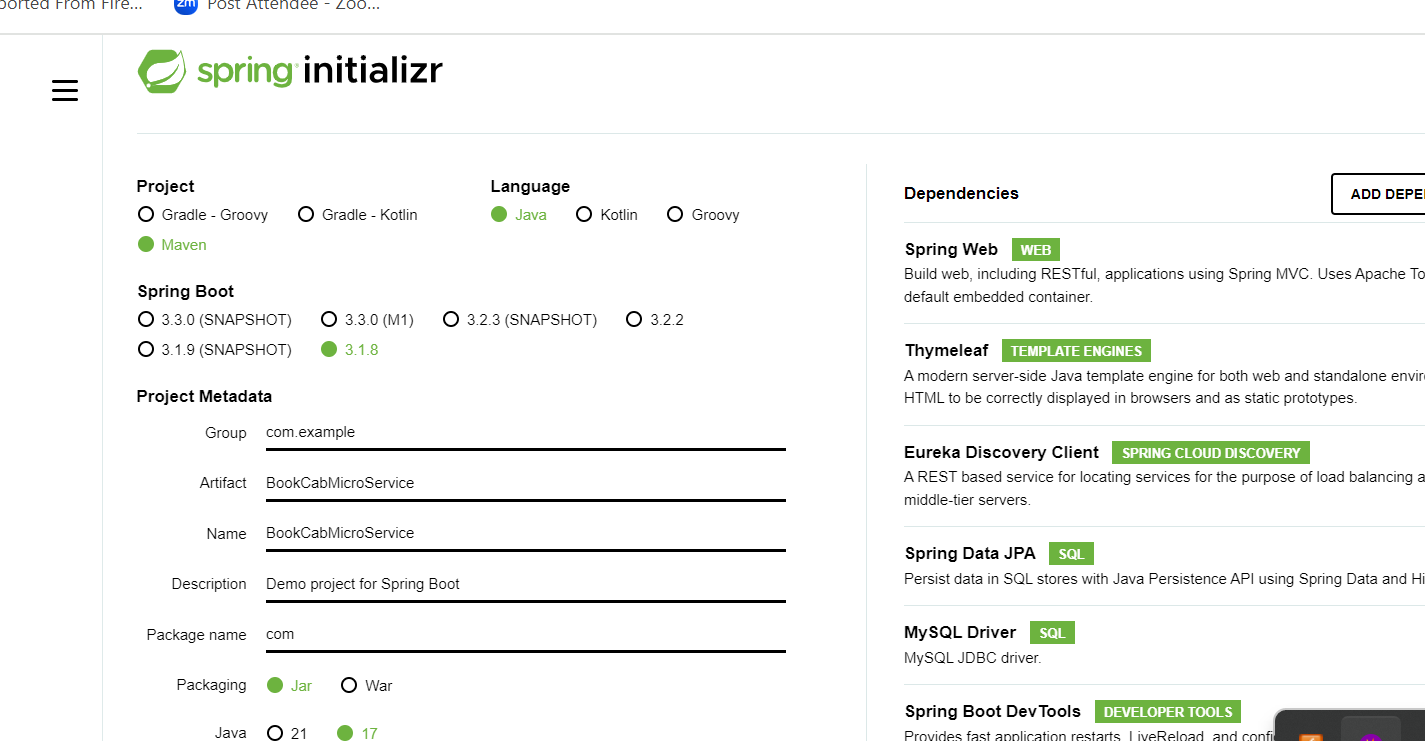
Thymeleaf

Eureka Client

JPA Starter

Mysql starter

Dev tools



Booking table

Bid Name DateAndTime Source Destination Fare etc

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

3rd projects

­Calculate cab fare micro service -🡪 8282

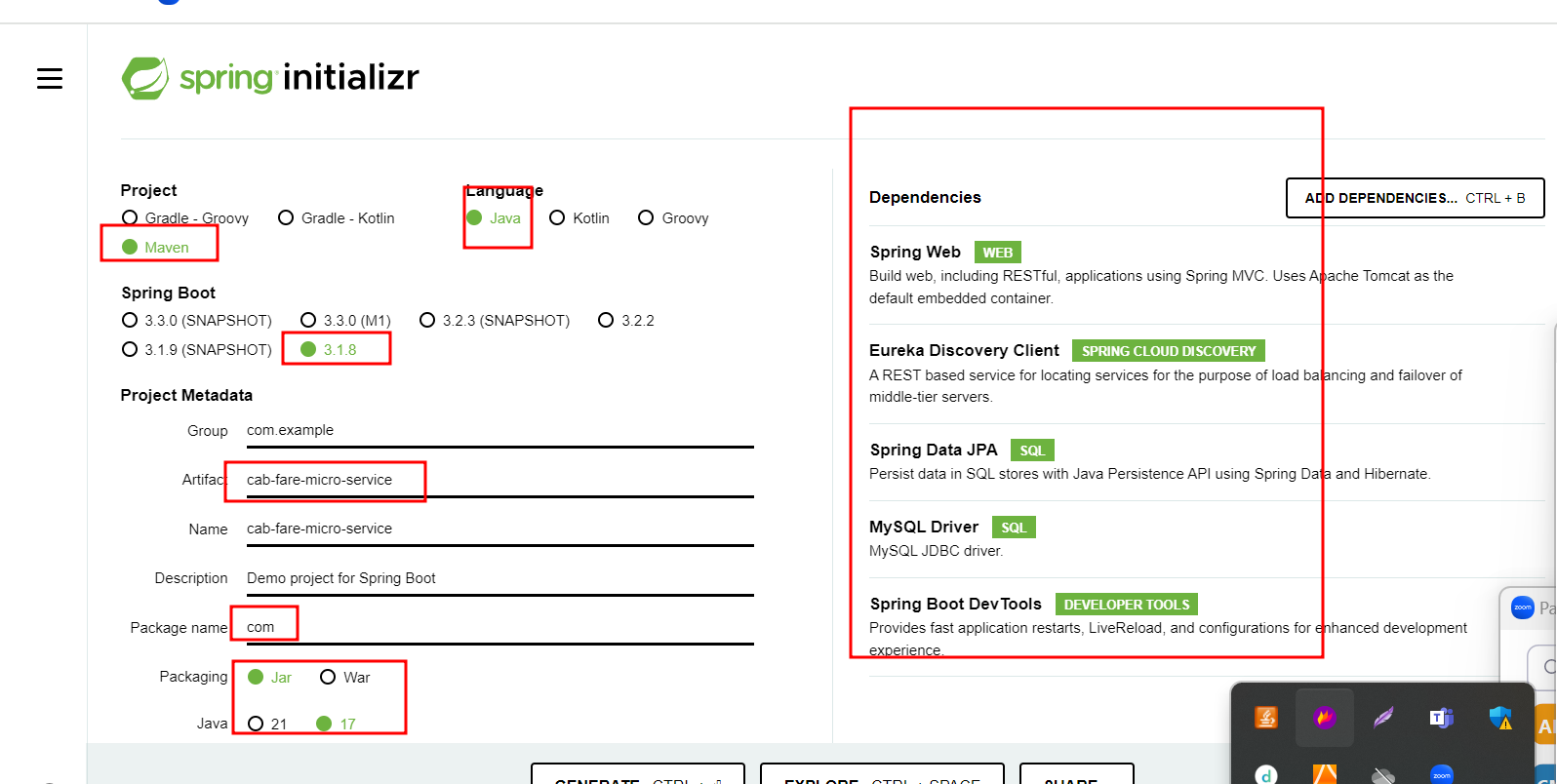
Web Starter @rest controller

Eureka Client

JPA Starter

Mysql starter

Dev tools



application.properties

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