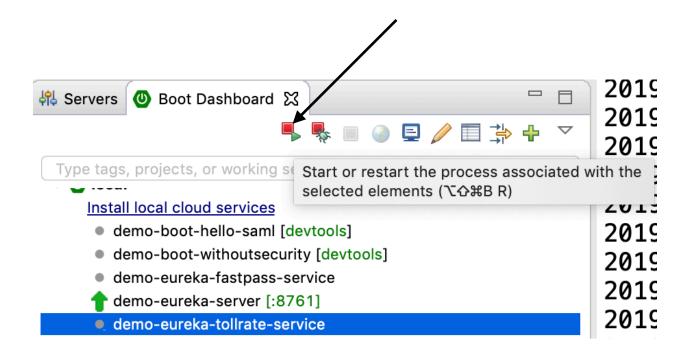
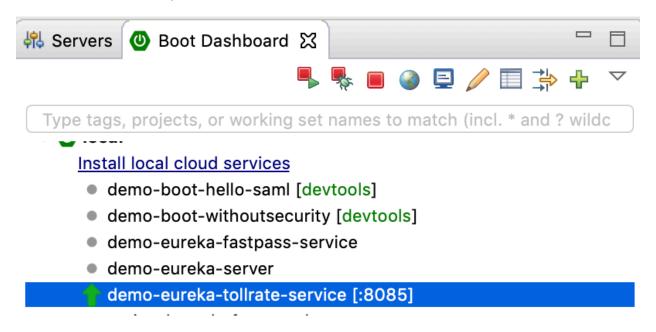
Registering Multiple Services with Eureka

Part 1 - Import & Run Tollrate Service

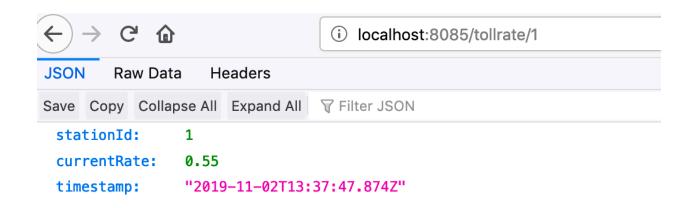
- 1. Import 2 projects demo-eureka-tollrate-service as Maven project
- 2. Start demo-eureka-tollrate-service application



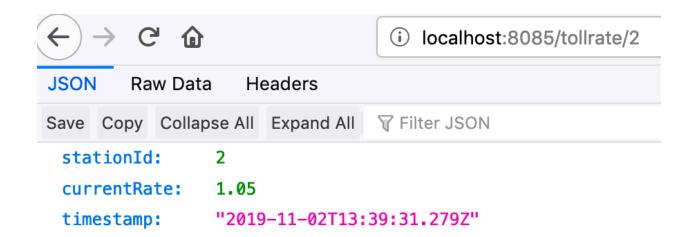
3. It starts on port# 8085



4. Visit http://localhost:8085/tollrate/1



5. Change param values to 2, 3 and observe the appropriate toll rate $\ensuremath{\text{c}}$



Part 2 - Register Tollrate Service with Eureka

6. Add spring-cloud-eureka dependency

Jmx.moq

7. Print the Station ID in the Controller

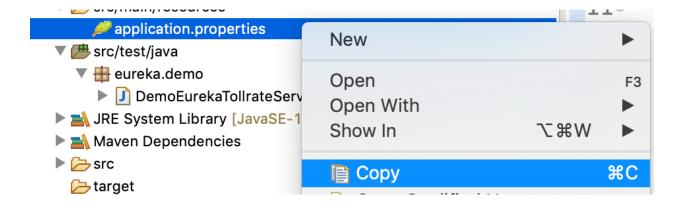
```
TollRateController.java Line #16
```

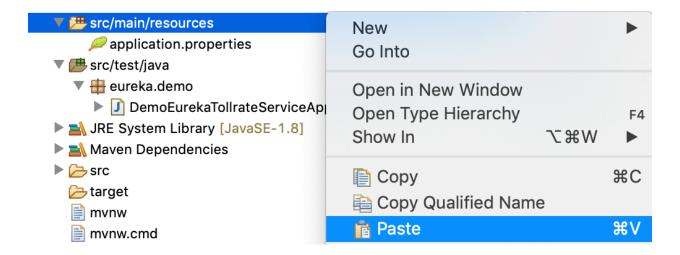
8. Enable Eureka Client for this Micro service to register with Eureka Server using Annotation

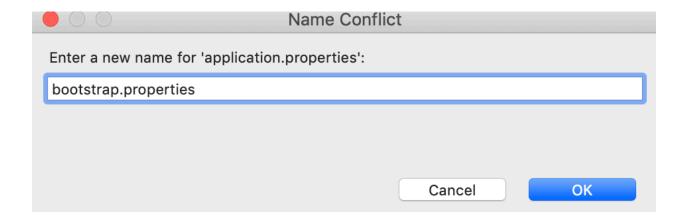
DemoEurekaTollrateServiceApplication.java

```
@EnableEurekaClient
@SpringBootApplication
public class DemoEurekaTollrateServiceApplication {
```

9. Create bootstrap.properties







10. App Name in

bootstrap.properties

```
spring.application.name = demo-toll-service
```

11. Add these properties and change port number

To be able to start multiple instances, port# can be random for every instance

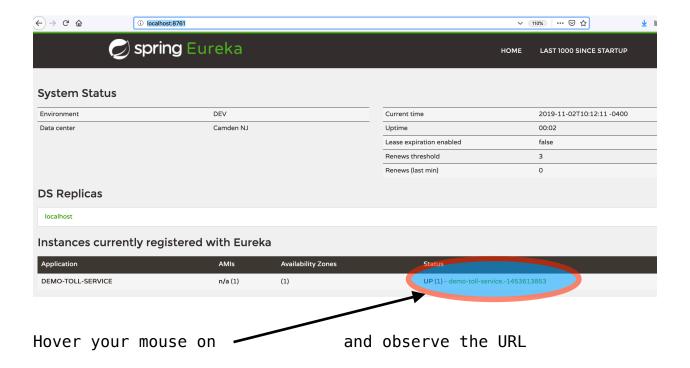
application.properties

```
# eureka.client.serviceUrl.defaultZone = http://localhost:8761/
eureka
eureka.client.register-with-eureka = true
eureka.client.fetch-registry = true
eureka.client.healthcheck.enabled = true
eureka.instance.instance-id = ${spring.application.name}.$
{random.int}
server.port = 0
```

12. RUN the APP

13. Visit http://localhost:8761/

Observe that tollrate service is registered in the Eureka Dashboard



14. Change hostname

application.properties

eureka.instance.hostname = localhost

15. RUN the APP

16. Refresh Eureka Dashboard and observe URL for the Toll Service as above