Discovering and Load Balancing FastPass Console

- 1. Import demo-eureka-fastpass-console application as Maven Project
- 2. Add eureka-starter dependency

3. Create bootstrap.porperties

bootstrap.properties

```
spring.application.name = demo-fastpass-console
```

4. application.properties

```
server.port = 8082

# eureka.client.serviceUrl.defaultZone = http://localhost:8761/
eureka
eureka.client.register-with-eureka = true
eureka.client.fetch-registry = true
eureka.client.healthcheck.enabled=true
```

5. Add EurekaClient annotation for the Main Application

DemoEurekaFastpassConsoleApplication.java

```
@EnableEurekaClient
@SpringBootApplication
public class DemoEurekaFastpassConsoleApplication {
```

6. Add a RestTemplate for getting the interceptors to perform Load balancing

FastPassController.java

```
@Autowired
    private RestTemplate restTemplate;

@LoadBalanced
    @Bean
    public RestTemplate restTemplate(RestTemplateBuilder builder) {
        return builder.build();
    }
```

Also change the following:

- RestTemplate object in /customerdetails API method
- Name of the toll service rather than localhost:8085

Line #37 (as per my file here)

The old line is commented in # 35 (as per my file here)

DashboardController.java

```
public String getFastPassCustomerDetails(@RequestParam String fastpassid, Model m) {

RestTemplate rest = new RestTemplate();

// FastPassCustomer c =

// rest.getForObject("http://localhost:8086/fastpass?fastpassid=" + fastpassid,

// FastPassCustomer.class);

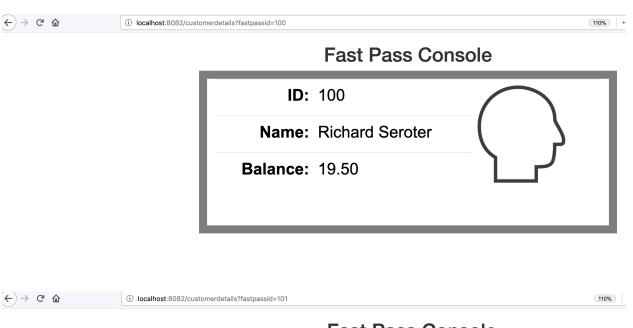
FastPassCustomer c = restTemplate.getForObject("http://demo-fastpass-service/fastpass?fastpassid=" + fastpassid,

FastPassCustomer.class);
```

- 7. Start demo-eureka-server App (if not started)
- 8. Start demo-eureka-fastpass-service App
- 9. Start demo-eureka-fastpass-console App

10. OUTPUT

Visit http://localhost:8082/customerdetails?fastpassid=100



Fast Pass Console

