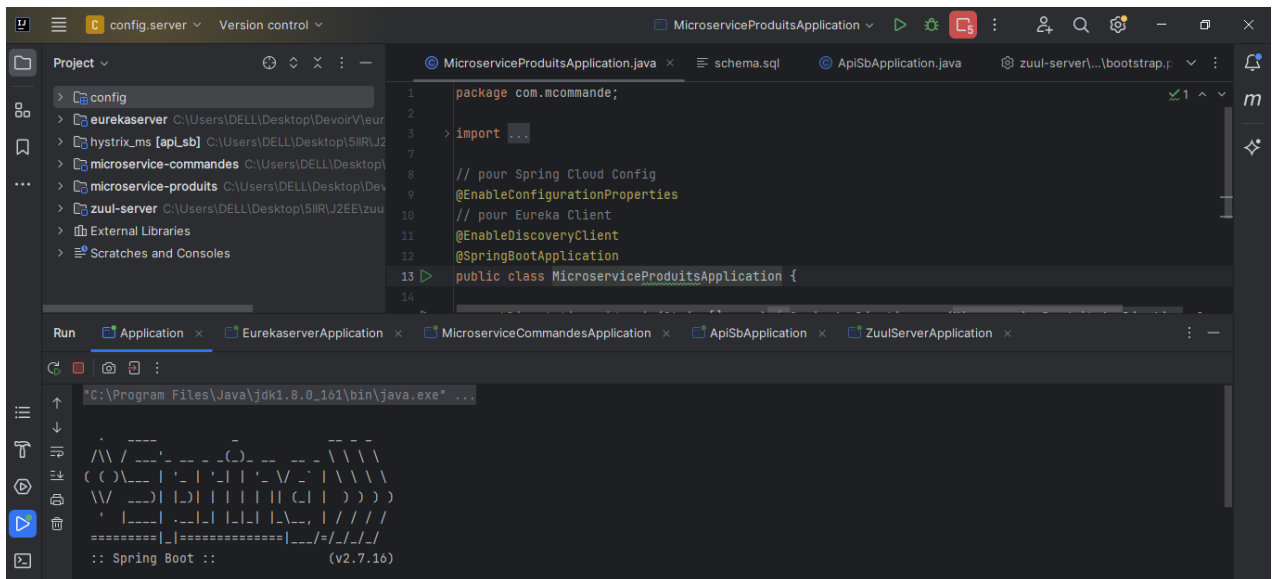


Architecture de nos projets avec ses exécutions :

- *Config-server, eurekaserver, zuul-server, microservice-commande et hystrix*

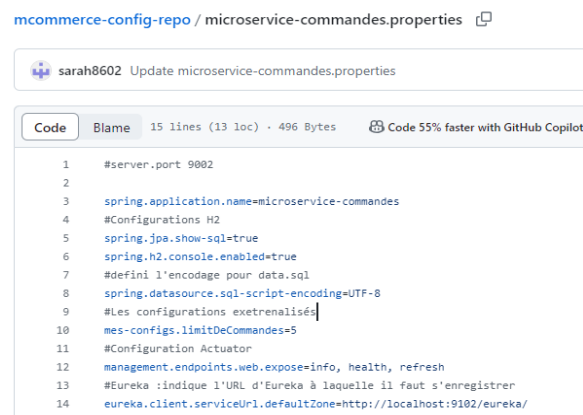


La configuration du « **microservice-commandes** » :

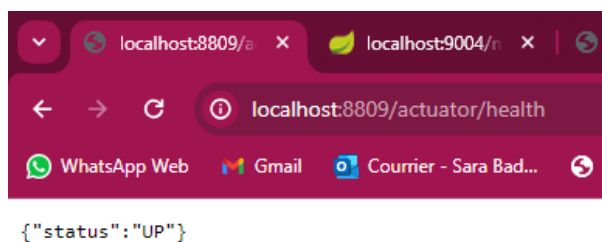
- La table commande

```
DROP TABLE IF EXISTS COMMANDE;

CREATE TABLE COMMANDE (
  ID INT PRIMARY KEY,
  DESCRIPTION VARCHAR(250) NOT NULL,
  QUANTITE INT NOT NULL,
  DATE_CM VARCHAR(250) NOT NULL,
  MONTANT DOUBLE NOT NULL
);
```



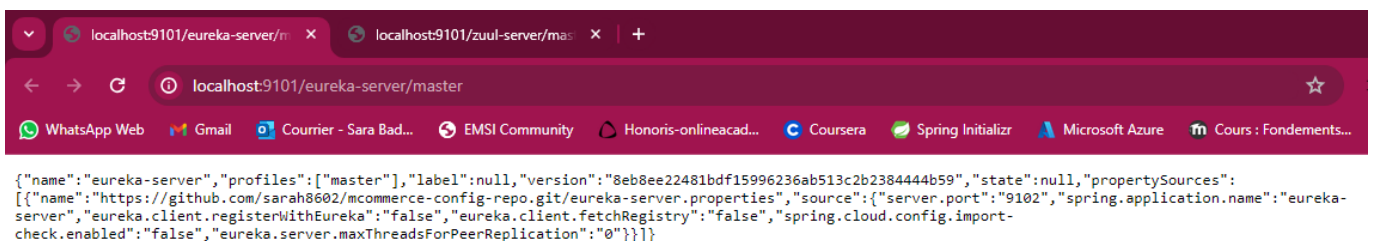
- L'état de santé du MS : localhost:8809/actuator/health



- Personnalisation du comportement de « HealthIndicator » :

```
@Override
public Health health() {
    List<Commande> commandes = commandeDao.findAll();
    if (commandes.isEmpty()) {
        return Health.down().build();
    }
    return Health.up().build();
}
```

- Vérification d'Eureka Server a été bien enregistré dans notre Spring Cloud Config Server <http://localhost:9101/eureka-server/master>



- Vérifier que Zuul Server a été bien enregistré dans notre Spring Cloud Config Server <http://localhost:9101/zuul-server/master>

```
{
  "name": "zuul-server",
  "profiles": [
    "master"
  ],
  "label": null,
  "version": "8eb8ee22481bdf15996236ab513c2b2384444b59",
  "state": null,
  "propertySources": [
    {
      "name": "https://github.com/sarah8602/mcommerce-config-repo.git/zuul-server.properties",
      "source": {
        "server.port": "9004",
        "eureka.client.serviceUrl.defaultZone": "http://localhost:9102/eureka/"
      }
    }
  ]
}
```

- Accéder à Eureka Server : <http://localhost:9102/> et vérifier que zuul-server a été bien enregistré dans Eureka Server :

HOME LAST 1000 SINCE STARTUP

### System Status

Environment	test	Current time	2024-01-03T10:28:34 +0000
Data center	default	Uptime	00:08
		Lease expiration enabled	false
		Renews threshold	5
		Renews (last min)	4

EMERGENCY! EUREKA MAY BE INCORRECTLY CLAIMING INSTANCES ARE UP WHEN THEY'RE NOT. RENEWALS ARE LESSER THAN THRESHOLD AND HENCE THE INSTANCES ARE NOT BEING EXPIRED JUST TO BE SAFE.

### DS Replicas

[localhost](#)

### Instances currently registered with Eureka

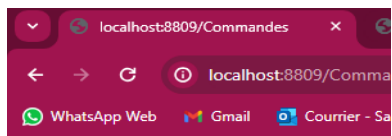
Application	AMIs	Availability Zones	Status
MICROSERVICE-COMMANDES	n/a (1)	(1)	UP (1) - <a href="#">DESKTOP-T233DOI: microservice-commandes:8809</a>
ZUUL-SERVER	n/a (1)	(1)	UP (1) - <a href="#">DESKTOP-T233DOI: zuul-server:9004</a>

- . Démarrage de 2eme instance de micro-services Commande sur le port 9011 → <http://localhost:9102/>

#### Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
MICROSERVICE-COMMANDES	n/a (2)	(2)	UP (2) - <a href="#">DESKTOP-T233DOI:microservice-commandes:8809</a> , <a href="#">DESKTOP-T233DOI:microservice-commandes:9011</a>
ZUUL-SERVER	n/a (1)	(1)	UP (1) - <a href="#">DESKTOP-T233DOI:zuul-server:9004</a>

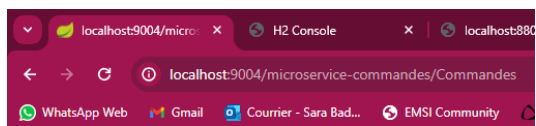
- Accès direct au microservice « Commandes » sans passer par la Gateway zuul : <http://localhost:8809/Produits>



This XML file does not appear to have any st

```
<List>
  <item>
    <id>0</id>
  </item>
  <item>
    <id>1</id>
  </item>
  <item>
    <id>2</id>
  </item>
  <item>
    <id>3</id>
  </item>
  <item>
    <id>4</id>
  </item>
</List>
```

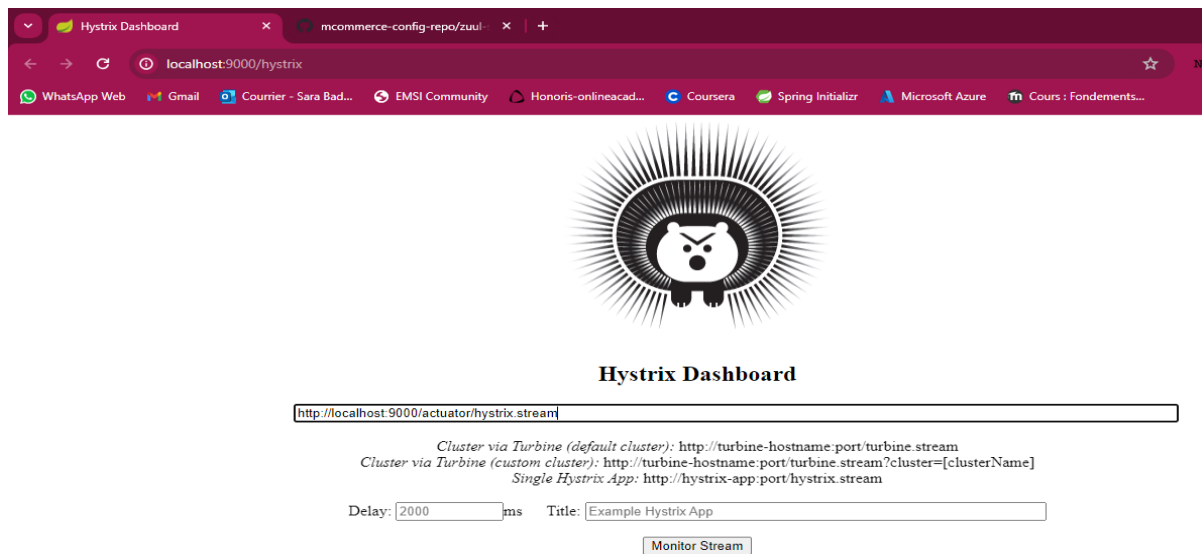
- Accès direct au microservice « Commandes » en passant par la Gateway zuul : <http://localhost:9004/microservice-commandes/commandes>



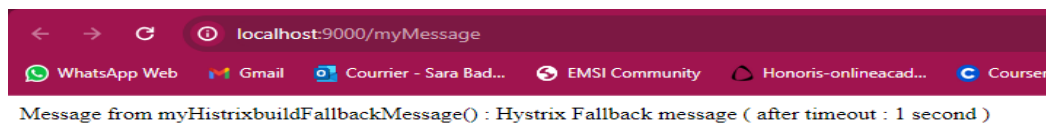
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```
<List>
  <item>
    <id>0</id>
  </item>
  <item>
    <id>1</id>
  </item>
  <item>
    <id>2</id>
  </item>
  <item>
    <id>3</id>
  </item>
  <item>
    <id>4</id>
  </item>
</List>
```

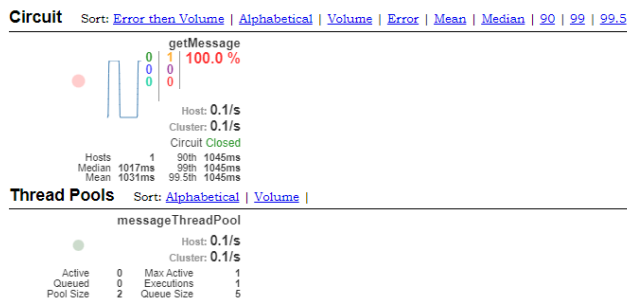
- Accès au dashbord Hystrix : <http://localhost:9000/hystrix>



- Appel au microservice : <http://localhost:9000/myMessage>



#### Hystrix Stream: <http://localhost:9000/actuator/hystrix.stream>



#### Hystrix Stream: <http://localhost:9000/actuator/hystrix.stream>

