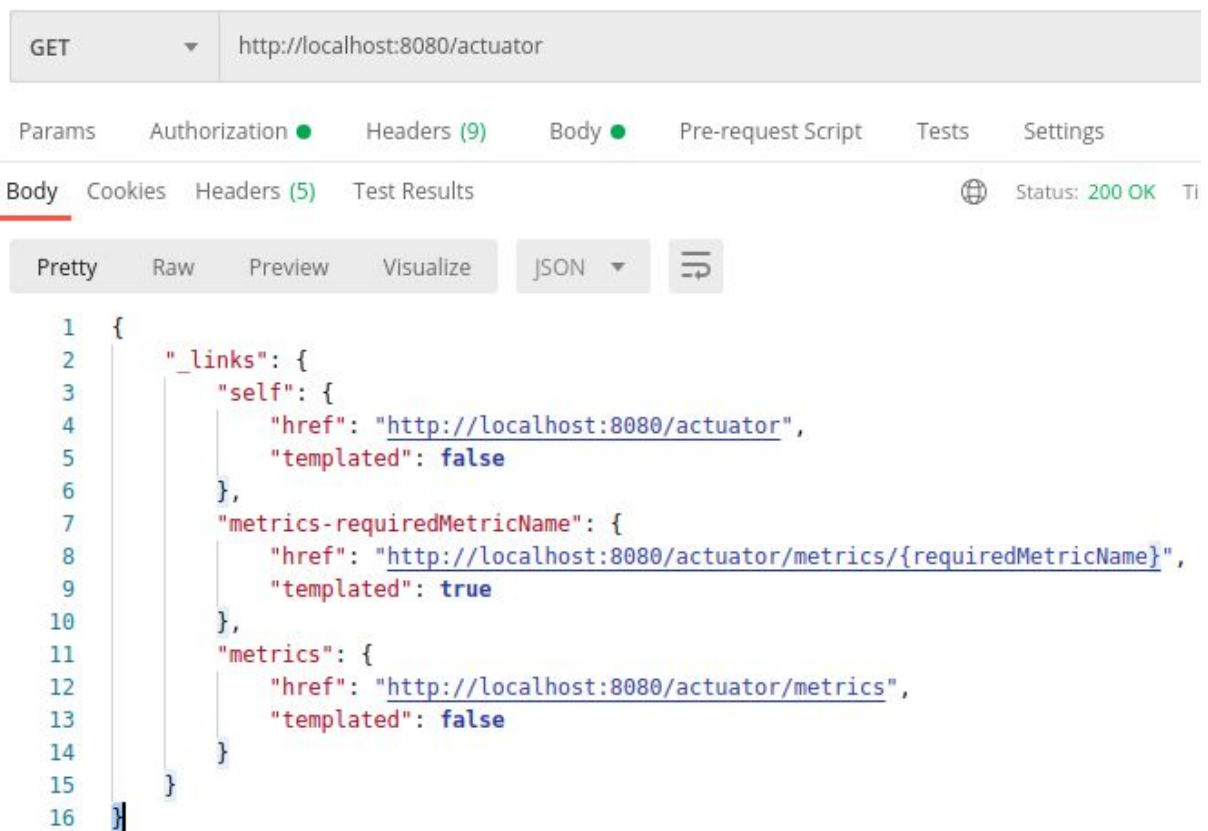


Compte rendu TP5

Actuator



GET http://localhost:8080/actuator

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1 {
2   "_links": {
3     "self": {
4       "href": "http://localhost:8080/actuator",
5       "templated": false
6     },
7     "metrics-requiredMetricName": {
8       "href": "http://localhost:8080/actuator/metrics/{requiredMetricName}",
9       "templated": true
10    },
11    "metrics": {
12      "href": "http://localhost:8080/actuator/metrics",
13      "templated": false
14    }
15  }
16 }
```

GET

http://localhost:8080/actuator/metrics/jvm.memory.used

Params

Authorization ●

Headers (9)

Body ●

Pre-request Script

Body

Cookies

Headers (6)

Test Results

Pretty

Raw

Preview

Visualize

JSON

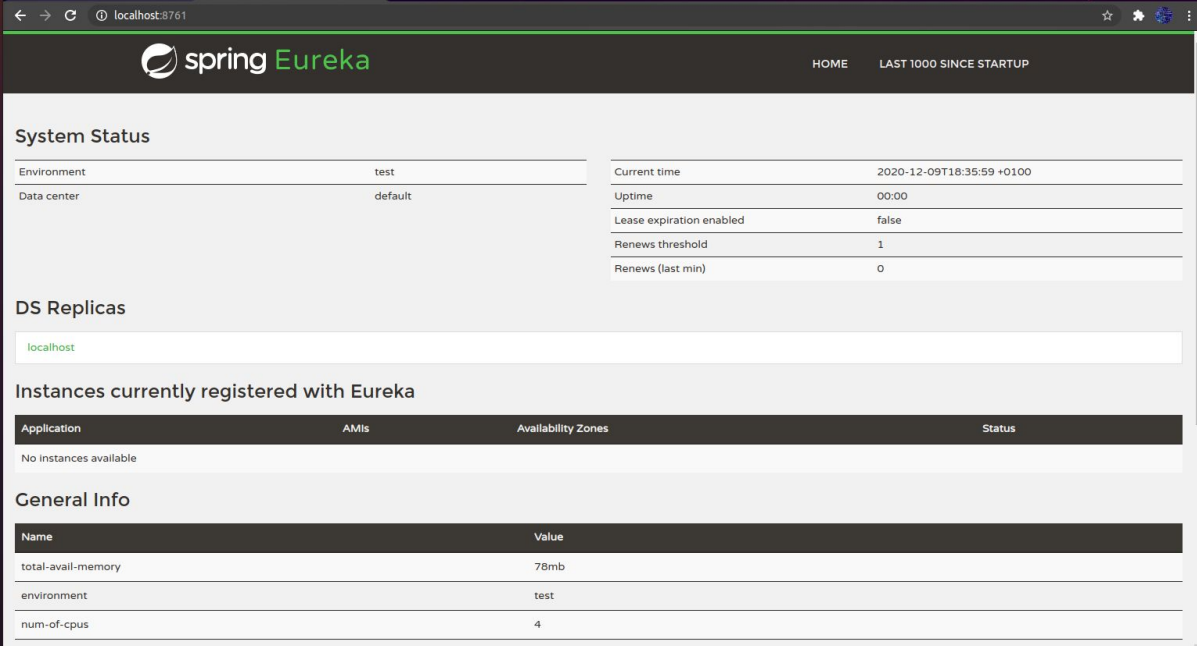
```
1  {
2    "name": "jvm.memory.used",
3    "description": "The amount of used memory",
4    "baseUnit": "bytes",
5    "measurements": [
6      {
7        "statistic": "VALUE",
8        "value": 1.1624976E8
9      }
10   ],
11   "availableTags": [
12     {
13       "tag": "area",
14       "values": [
15         "heap",
16         "nonheap"
17       ]
18     },
19     {
20       "tag": "id",
21       "values": [
22         "CodeHeap 'profiled nmethods'",
23         "G1 Old Gen",
24         "CodeHeap 'non-profiled nmethods'",
25         "G1 Survivor Space"
```

Ajout de ConfigService

The screenshot shows a web browser with three tabs, all displaying 'angela.ipseiz'. The active tab shows a REST client interface with a GET request to `http://localhost:8888/book-service/master`. The response is a JSON object, displayed in 'Pretty' format, with a status of 200 OK.

```
{
  "name": "book-service",
  "profiles": [
    "master"
  ],
  "label": null,
  "version": "9f919aeee5f730c3f4b247e05a584715fe3c23d3",
  "state": null,
  "propertySources": [
    {
      "name": "file:./src/main/resources/maConfig/book-service.properties",
      "source": {
        "me": "angela.ipseiz"
      }
    },
    {
      "name": "file:./src/main/resources/maConfig/application.properties",
      "source": {
        "global": "xxxxx"
      }
    }
  ]
}
```

Ajout du projet DiscoveryService



The screenshot shows the Spring Eureka dashboard at localhost:8761. The dashboard has a dark header with the Spring Eureka logo and navigation links for HOME and LAST 1000 SINCE STARTUP. The main content area is divided into several sections:

- System Status:** A table showing environment details and system metrics.
- DS Replicas:** A section showing the local replica status.
- Instances currently registered with Eureka:** A table showing no instances are currently available.
- General Info:** A table showing system configuration details.

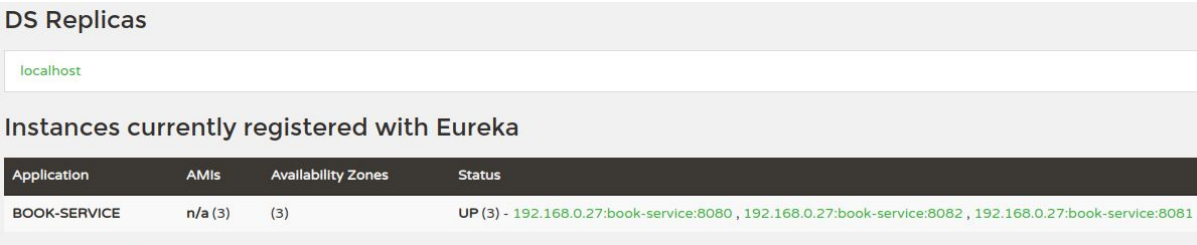
System Status	
Environment	test
Data center	default
Current time	2020-12-09T18:35:59 +0100
Uptime	00:00
Lease expiration enabled	false
Renews threshold	1
Renews (last min)	0

DS Replicas	
localhost	

Instances currently registered with Eureka			
Application	AMIs	Availability Zones	Status
No instances available			

General Info	
Name	Value
total-avail-memory	78mb
environment	test
num-of-cpus	4
current-memory-usage	33mb (42%)

Ajout de Eureka au service



This screenshot shows the Spring Eureka dashboard after adding the service. The 'Instances currently registered with Eureka' section now displays one instance:

Application	AMIs	Availability Zones	Status
BOOK-SERVICE	n/a (3)	(3)	UP (3) - 192.168.0.27:book-service:8080 , 192.168.0.27:book-service:8082 , 192.168.0.27:book-service:8081

Ajout du Proxy

← → ↻ ⓘ localhost:8761

spring Eureka

HOME LAST 1000 SINCE STARTUP

System Status

Environment	test
Data center	default

Current time	2020-12-09T19:45:53 +0100
Uptime	00:09
Lease expiration enabled	true
Renews threshold	8
Renews (last min)	12

DS Replicas

localhost

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
BOOK-SERVICE	n/a (3)	(3)	UP (3) - 192.168.0.27:book-service:8080 , 192.168.0.27:book-service:8082 , 192.168.0.27:book-service:8081
PROXY-SERVICE	n/a (1)	(1)	UP (1) - 192.168.0.27:proxy-service:9999

General Info

Name	Value
total-avail-memory	72mb
environment	test
num-of-cpus	4

← → ↻ ⓘ localhost:9999/book-service/Books

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0"?>
<ArrayList>
  <item>
    <id>1</id>
    <title>Harry Potter</title>
    <author>J. K. Rowling</author>
    <description>Tout le monde connait ce livre</description>
    <price>6.8</price>
  </item>
  <item>
    <id>2</id>
    <title>Vague de chaleur</title>
    <author>Richard Castle</author>
    <description>Un livre policier plein de suspens mais également de romance</description>
    <price>8.2</price>
  </item>
  <item>
    <id>3</id>
    <title>Le petit prince</title>
    <author>Antoine de Saint Exupery</author>
    <description>Une histoire racontant les incroyables aventures du petit prince.</description>
    <price>6.0</price>
  </item>
</ArrayList>
```

Front

Le front a également été ajouté depuis le dernier rendu. Il faut ajouter la librairie `json.simple.jar` au projet pour qu'il fonctionne.