Lab 7 - Мікросервиси з використанням Service Discovery та Config Server на базі Consul


```
docker exec -it 1ff3ead4a96cb01f748133b556f4cee78ea495b0d40871cce034506f2040b013 /bin/sh
/ # consul kv put mq_name "queue_name"
Success! Data written to: mq_name
/ # consul kv put hz/0 "127.0.0.1:5701"
Success! Data written to: hz/0
/ # consul kv put hz/1 "127.0.0.1:5702"
Success! Data written to: hz/1
/ # consul kv put hz/2 "127.0.0.1:5703"
Success! Data written to: hz/2
/ # consul kv put hz/cluster "dev"
Success! Data written to: hz/cluster
/ #
```



```
Командная строка - python app.py                                               —    □    ×
Microsoft Windows [Version 10.0.19042.1052]
(c) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

C:\Users\Admin>d:

D:\>cd D:\study\Родионов\micro_hazelcast-micro_mq-main\facade

D:\study\Родионов\micro_hazelcast-micro_mq-main\facade>python app.py
register facade0 in consul
 * Serving Flask app 'app' (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: off
 * Running on all addresses.
   WARNING: This is a development server. Do not use it in a production deployment.
 * Running on http://192.168.0.101:63550/ (Press CTRL+C to quit)
```

Services 2 total

| Search | Search Across ⌄ | Health Status ⌄ | Service Type ⌄ |

✅ **consul**
1 Instance

✅ **facade**
1 Instance

Services 4 total

| Search | Search Across ⌄ | Health Status ⌄ | Service Type ⌄ |

✅ **consul**
1 Instance

✅ **facade**
2 Instances

✅ **logging**
3 Instances

✅ **message**
2 Instances

Відправляємо повідомлення на 1 фасад

192.168.0.101:49510

POST   192.168.0.101:49510   Send

Params Auth Headers (8) Body ● Pre-req. Tests Settings   Cookies

raw ∨   JSON ∨   Beautify

1   {"message":"test9"}

Читаємо з другого:

192.168.0.101:49506

GET   192.168.0.101:49506   Send

Params Auth Headers (8) Body ● Pre-req. Tests Settings   Cookies

raw ∨   JSON ∨   Beautify

1   {"message":"test9"}

Body ∨   200 OK 61 ms 303 B   Save Response ∨

Pretty   Raw   Preview   Visualize   HTML ∨

1   test4,test7,test5,test3,test1,test7,test1,test3,test8,test6,test8,test9,test4,test2,test2,t
2   'test3', 'test5', 'test7', 'test9']