

Посилання на Github репозиторій:

[https://github.com/ramskyi/software-architecture-labs/tree/micro\\_consul](https://github.com/ramskyi/software-architecture-labs/tree/micro_consul)

Виводи:

Термінал facade-service.py (port 8080):

```
Run: facade-service 8080 x logging-service 8083 x logging-service 8084 x logging-service 8085 x message-service 8081 x message-service 8082 x
/home/botanich/Projects/sa-venv/bin/python /home/botanich/Projects/software-architecture-labs/src/facade-service.py 8080
* Serving Flask app 'facade-service' (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 http://127.0.0.1:8080 (Press CTRL+C to quit)
127.0.0.1 - - [06/Jun/2022 21:02:50] "GET /facade HTTP/1.1" 200 -
127.0.0.1 - - [06/Jun/2022 21:02:50] "POST /facade HTTP/1.1" 200 -
127.0.0.1 - - [06/Jun/2022 21:02:50] "POST /facade HTTP/1.1" 200 -
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /facade HTTP/1.1" 200 -
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /facade HTTP/1.1" 200 -
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /facade HTTP/1.1" 200 -
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127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /facade HTTP/1.1" 200 -
127.0.0.1 - - [06/Jun/2022 21:02:52] "POST /facade HTTP/1.1" 200 -
127.0.0.1 - - [06/Jun/2022 21:02:52] "GET /facade HTTP/1.1" 200 -
```

Термінал message-service.py (port 8081):

```
Run: facade-service 8080 x logging-service 8083 x logging-service 8084 x logging-service 8085 x message-service 8081 x message-service 8082 x
/home/botanich/Projects/sa-venv/bin/python /home/botanich/Projects/software-architecture-labs/src/message-service.py 8081
* Running on http://127.0.0.1:8081 (Press CTRL+C to quit)
* Serving Flask app 'message-service' (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
Message: msg1
Message: msg2
Message: msg3
Message: msg4
Message: msg5
Message: msg6
Message: msg7
Message: msg8
Message: msg9
Message: msg10
Message: msg1
Message: msg2
Message: msg3
Message: msg4
Message: msg5
Message: msg6
Message: msg7
Message: msg8
Message: msg9
Message: msg10
127.0.0.1 - - [06/Jun/2022 21:02:50] "GET /messages HTTP/1.1" 200 -
|
```

Термінал message-service.py (port 8082):

```
Run: facade-service 8080 x logging-service 8083 x logging-service 8084 x logging-service 8085 x message-service 8081 x message-service 8082 x
/home/botanich/Projects/sa-venv/bin/python /home/botanich/Projects/software-architecture-labs/src/message-service.py 8082
* Running on http://127.0.0.1:8082 (Press CTRL+C to quit)
* Serving Flask app 'message-service' (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
Message: msg1
Message: msg2
Message: msg3
Message: msg4
Message: msg5
Message: msg6
Message: msg7
Message: msg8
Message: msg9
Message: msg10
127.0.0.1 - - [06/Jun/2022 21:02:52] "GET /messages HTTP/1.1" 200 -
```

Термінал logging-service.py (port 8083):

```
Run: facade-service 8080 x logging-service 8083 x logging-service 8084 x logging-service 8085 x message-service 8081 x message-service 8082 x
/home/botanich/Projects/sa-venv/bin/python /home/botanich/Projects/software-architecture-labs/src/logging-service.py 8083
* Running on http://127.0.0.1:8083 (Press CTRL+C to quit)
* Serving Flask app 'logging-service' (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
127.0.0.1 - - [06/Jun/2022 21:02:50] "GET /logging HTTP/1.1" 200 -
ID: fbddc618-f49f-404b-86aa-b7fcb84f69a2
Message: msg2
127.0.0.1 - - [06/Jun/2022 21:02:50] "POST /logging HTTP/1.1" 200 -
ID: 15c2b956-e20e-4968-bbdb-009a30f72f63
Message: msg4
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /logging HTTP/1.1" 200 -
ID: 4c5232ff-c8e2-4b34-b28a-4a483e7e4d31
Message: msg9
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /logging HTTP/1.1" 200 -
127.0.0.1 - - [06/Jun/2022 21:02:52] "GET /logging HTTP/1.1" 200 -
```

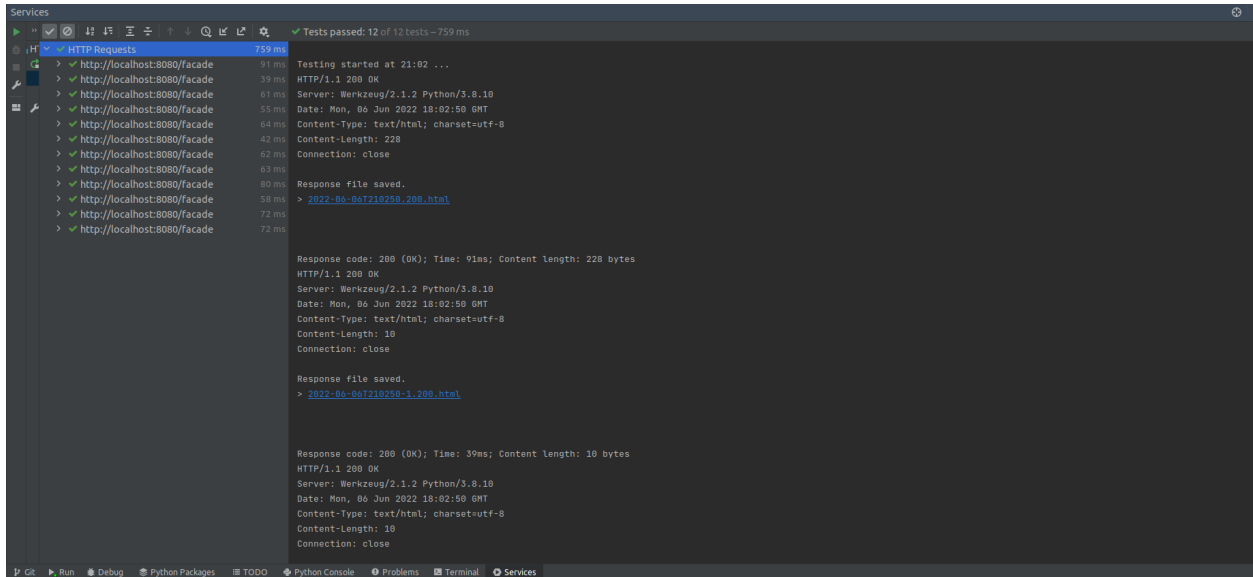
Термінал logging-service.py (port 8084):

```
Run: facade-service 8080 x logging-service 8083 x logging-service 8084 x logging-service 8085 x message-service 8081 x message-service 8082 x
/home/botanich/Projects/sa-venv/bin/python /home/botanich/Projects/software-architecture-labs/src/logging-service.py 8084
* Serving Flask app 'logging-service' (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 http://127.0.0.1:8084 (Press CTRL+C to quit)
ID: a4b19114-8325-4800-bdce-59588f31a1b5
Message: msg3
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /logging HTTP/1.1" 200 -
ID: d4f2f6f2-36d0-49b7-811e-9f0469498ec1
Message: msg10
127.0.0.1 - - [06/Jun/2022 21:02:52] "POST /logging HTTP/1.1" 200 -
|
```

Термінал logging-service.py (port 8085):

```
Run: facade-service 8080 x logging-service 8083 x logging-service 8084 x logging-service 8085 x message-service 8081 x message-service 8082 x
/home/botanich/Projects/sa-venv/bin/python /home/botanich/Projects/software-architecture-labs/src/logging-service.py 8085
* Serving Flask app 'logging-service' (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 http://127.0.0.1:8085 (Press CTRL+C to quit)
ID: 677e983d-4b96-4ddc-9525-156c9a2d514c
Message: msg1
127.0.0.1 - - [06/Jun/2022 21:02:50] "POST /logging HTTP/1.1" 200 -
ID: 244bfb64-29af-41a6-88a1-b6afc45a3f12
Message: msg5
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /logging HTTP/1.1" 200 -
ID: d747f8cc-4f6c-4ae4-8b9d-2fd94740a9a6
Message: msg6
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /logging HTTP/1.1" 200 -
ID: a7f86506-a12d-4df3-ab63-28b0f9cf42af
Message: msg7
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /logging HTTP/1.1" 200 -
ID: e591555a-147f-4f0e-9e66-73f20d28e9e5
Message: msg8
127.0.0.1 - - [06/Jun/2022 21:02:51] "POST /logging HTTP/1.1" 200 -
```

Результат частини виконаних запитів:



Повернуте значення від останнього запиту:

