https://github.com/karyna-volokhatiuk/APZ_labs.git

ALL COMMENTS

WILL BE HERE

1. LET'S START

2. RUN "sudo docker-compose up"

3. POST "msg1"

4. GET

```
messages_service_1  | [2023-03-07 00:55:52.258] [info] Creating server
messages_service_1  | [2023-03-07 00:55:52.258] [info] Port: 8082
messages_service_1  | [2023-03-07 00:55:52.258] [info] Creating a resource
messages_service_1  | [2023-03-07 00:55:52.258] [info] Allowing and disallowing method on a resource
messages_service_1  | [2023-03-07 00:55:52.258] [info] Register a resource
logging_service_1   | [2023-03-07 00:55:52.094] [info] Start server
messages_service_1  | [2023-03-07 00:55:52.258] [info] Start server
facade_service_1    | [2023-03-07 00:55:52.293] [info] Creating server
facade_service_1    | [2023-03-07 00:55:52.293] [info] Port: 8080
facade_service_1    | [2023-03-07 00:55:52.293] [info] Creating a resource
facade_service_1    | [2023-03-07 00:55:52.293] [info] Allowing and disallowing method on a resource
facade_service_1    | [2023-03-07 00:55:52.293] [info] Register a resource
facade_service_1    | [2023-03-07 00:55:52.293] [info] Start server
facade_service_1    | [2023-03-07 00:57:20.399] [info] Received POST request
facade_service_1    | [2023-03-07 00:57:20.399] [info] Content of request:
facade_service_1    | [2023-03-07 00:57:20.399] [info] Generating UUID
facade_service_1    | [2023-03-07 00:57:20.399] [info] Generated UUID: 1975231a-7de3-409d-b9fa-f55e9d
511ddf
facade_service_1    | [2023-03-07 00:57:20.399] [info] Sending POST request to http://10.0.3:8081/l
ogging-service
logging_service_1   | [2023-03-07 00:57:20.410] [info] Received POST request
logging_service_1   | [2023-03-07 00:57:20.410] [info] Content of request:
logging_service_1   | [2023-03-07 00:57:20.411] [info] UUID: 1975231a-7de3-409d-b9fa-f55e9d511ddf; co
ntent: "msg1"
logging_service_1   | [2023-03-07 00:57:20.411] [info] All content was added to a map
logging_service_1   | [2023-03-07 00:57:20.411] [info] Status code of response: 200
facade_service_1    | [2023-03-07 00:59:09.789] [info] Received GET request
facade_service_1    | [2023-03-07 00:59:09.789] [info] Sending GET request to http://10.0.3:8081/lo
gging-service
logging_service_1   | [2023-03-07 00:59:09.790] [info] Received GET request
logging_service_1   | [2023-03-07 00:59:09.790] [info] Creating an output string
logging_service_1   | [2023-03-07 00:59:09.790] [info] Adding content of UUID = 1975231a-7de3-409d-b9
fa-f55e9d511ddf : "msg1"
logging_service_1   | [2023-03-07 00:59:09.790] [info] All content was added to an output string
logging_service_1   | [2023-03-07 00:59:09.790] [info] Sending a response: "msg1"
facade_service_1    | [2023-03-07 00:59:09.791] [info] Status code of response: 200
facade_service_1    | [2023-03-07 00:59:09.791] [info] Sending GET request to http://10.0.4:8082/me
ssages-service
messages_service_1  | [2023-03-07 00:59:09.791] [info] Received GET request
messages_service_1  | [2023-03-07 00:59:09.791] [info] Sending a response: Not implemented yet
facade_service_1    | [2023-03-07 00:59:09.792] [info] Status code of response: 200
facade_service_1    | [2023-03-07 00:59:54.837] [info] Received POST request
facade_service_1    | [2023-03-07 00:59:54.837] [info] Content of request:
facade_service_1    | [2023-03-07 00:59:54.837] [info] Generating UUID
facade_service_1    | [2023-03-07 00:59:54.837] [info] Generated UUID: b9d80bcb-e6c0-4763-8579-b2cc25
6d769c
facade_service_1    | [2023-03-07 00:59:54.837] [info] Sending POST request to http://10.0.3:8081/l
ogging-service
logging_service_1   | [2023-03-07 00:59:54.838] [info] Received POST request
logging_service_1   | [2023-03-07 00:59:54.838] [info] Content of request:
logging_service_1   | [2023-03-07 00:59:54.838] [info] UUID: b9d80bcb-e6c0-4763-8579-b2cc256d769c; co
ntent: "msg2"
                      [2023-03-07 00:59:54.838] [info] All content was added to a map
                      [2023-03-07 00:59:54.838] [info] Status code of response: 200
```

5. POST "msg2"

requests_example.http

docker-compose.yml

requests_example | #2

.gitignore

facade

Project

docker-compose.yml
Dockerfile
README.md
requests_example.http
External Libraries
Scratches and Consoles

Run with: No Environment   *Examples

```
4
5   POST http://10.0.0.1:8080/facade-service
6   Content-Type: application/json
7
```

Services

HTTP Request
Finished
    requests_example | #1 Status
    requests_example | #2 Status
Not Started
    requests | #1
    requests | #2

POST http://10.0.0.1:8080/facade-service

Show Request

```
HTTP/1.1 200 OK
Connection: Keep-Alive
Content-Length: 0
Content-Type: text/plain
Date: Tue, 07 Mar 2023 00:59:54 GMT

<Response body is empty>

Response code: 200 (OK); Time: 2ms (2 ms); Content length: 0 bytes (0
```

Git   Python Packages   TODO   Problems   Terminal   PVS-Studio   Services

8:7   LF   UTF-8   0 space   micro_basics

Terminal window title: `karyna@karyna: ~/Documents/UCU_3/APZ_labs`
`karyna@karyna: ~/Documents/UCU_3/APZ_labs 101x55`

IDE window title: `APZ_labs – requests_example.http`

6. GET

7. POST "msg3"

8. GET

```
79-b2cc256d769c : "msg2"
logging_service_1   | [2023-03-07 01:01:15.587] [info] All content was added to an output string
logging_service_1   | [2023-03-07 01:01:15.587] [info] Sending a response: "msg1" "msg2"
messages_service_1  | [2023-03-07 01:01:15.588] [info] Received GET request
messages_service_1  | [2023-03-07 01:01:15.588] [info] Sending a response: Not implemented yet
facade_service_1    | [2023-03-07 01:01:15.587] [info] Status code of response: 200
facade_service_1    | [2023-03-07 01:01:15.587] [info] Sending GET request to http://10.0.0.4:8082/me
ssages-service
facade_service_1    | [2023-03-07 01:01:15.588] [info] Status code of response: 200
facade_service_1    | [2023-03-07 01:02:24.376] [info] Received POST request
facade_service_1    | [2023-03-07 01:02:24.376] [info] Content of request:
facade_service_1    | [2023-03-07 01:02:24.376] [info] Generating UUID
facade_service_1    | [2023-03-07 01:02:24.376] [info] Generated UUID: 8b7a8c7a-f051-495d-82da-0f44f0
fc1458
facade_service_1    | [2023-03-07 01:02:24.376] [info] Sending POST request to http://10.0.0.3:8081/l
ogging-service
logging_service_1   | [2023-03-07 01:02:24.376] [info] Received POST request
logging_service_1   | [2023-03-07 01:02:24.376] [info] Content of request:
logging_service_1   | [2023-03-07 01:02:24.376] [info] UUID: 8b7a8c7a-f051-495d-82da-0f44f0fc1458; co
ntent: "msg3"
logging_service_1   | [2023-03-07 01:02:24.376] [info] All content was added to a map
facade_service_1    | [2023-03-07 01:02:24.376] [info] Status code of response: 200
facade_service_1    | [2023-03-07 01:02:51.379] [info] Received GET request
facade_service_1    | [2023-03-07 01:02:51.379] [info] Sending GET request to http://10.0.0.3:8081/lo
gging-service
logging_service_1   | [2023-03-07 01:02:51.379] [info] Received GET request
logging_service_1   | [2023-03-07 01:02:51.379] [info] Creating an output string
logging_service_1   | [2023-03-07 01:02:51.379] [info] Adding content of UUID = 1975231a-7de3-409d-b9
fa-f55e9d511ddf : "msg1"
logging_service_1   | [2023-03-07 01:02:51.379] [info] Adding content of UUID = 8b7a8c7a-f051-495d-82
da-0f44f0fc1458 : "msg3"
logging_service_1   | [2023-03-07 01:02:51.379] [info] Adding content of UUID = b9d80bcb-e6c0-4763-85
79-b2cc256d769c : "msg2"
logging_service_1   | [2023-03-07 01:02:51.379] [info] All content was added to an output string
logging_service_1   | [2023-03-07 01:02:51.379] [info] Sending a response: "msg1" "msg3" "msg2"
facade_service_1    | [2023-03-07 01:02:51.379] [info] Status code of response: 200
facade_service_1    | [2023-03-07 01:02:51.379] [info] Sending GET request to http://10.0.0.4:8082/me
ssages-service
messages_service_1  | [2023-03-07 01:02:51.380] [info] Received GET request
messages_service_1  | [2023-03-07 01:02:51.380] [info] Sending a response: Not implemented yet
facade_service_1    | [2023-03-07 01:02:51.380] [info] Status code of response: 200
facade_service_1    | [2023-03-07 01:03:36.728] [info] Received POST request
facade_service_1    | [2023-03-07 01:03:36.728] [info] Content of request:
facade_service_1    | [2023-03-07 01:03:36.728] [info] Generating UUID
facade_service_1    | [2023-03-07 01:03:36.728] [info] Generated UUID: 48823bd3-3717-481e-a7e2-c963f2
0a38ff
facade_service_1    | [2023-03-07 01:03:36.728] [info] Sending POST request to http://10.0.0.3:8081/l
ogging-service
logging_service_1   | [2023-03-07 01:03:36.729] [info] Received POST request
logging_service_1   | [2023-03-07 01:03:36.729] [info] Content of request:
logging_service_1   | [2023-03-07 01:03:36.729] [info] UUID: 48823bd3-3717-481e-a7e2-c963f20a38ff; co
ntent: "msg4"
logging_service_1   | 36.729] [info] All content was added to a map
                        36.729] [info] Status code of response: 200
```

9. POST "msg4"

Services / HTTP Request

```
POST http://10.0.0.1:8080/facade-service
Show Request

HTTP/1.1 200 OK
Connection: Keep-Alive
Content-Length: 0
Content-Type: text/plain
Date: Tue, 07 Mar 2023 01:03:36 GMT

<Response body is empty>

Response code: 200 (OK); Time: 3ms (3 ms); Content length: 0 bytes (0
```

10. GET