

GITHUB LINK: [https://github.com/bohdansolovey/micro\\_basics](https://github.com/bohdansolovey/micro_basics)

## Logging service for POST request:

```
/Users/bodasol/PycharmProjects/lab2_micro/micro_venv/bin/python /Users/bodasol/PycharmProjects/lab2_micro/logging_service/app.py
Return messages: dict_values([])
RECEIVED request: uuid: "d5c80ade-726b-40b4-a430-51d82fb50252"
msg: "first"

SAVED to self.messages_dict
RECEIVED request: uuid: "08a5b22c-5f13-469e-bd82-aab9e4800c55"
msg: "second"

SAVED to self.messages_dict
|
```

## Facade-service logs:

```
/Users/bodasol/PycharmProjects/lab2_micro/micro_venv/bin/python /Users/bodasol/PycharmProjects/lab2_micro/facade/app.py
* 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: on
* Running on http://0.0.0.0:1233/ (Press CTRL+C to quit)
* Restarting with stat
* Debugger is active!
* Debugger PIN: 136-155-174
127.0.0.1 - - [02/Mar/2021 20:31:29] "GET /api/item?id=99 HTTP/1.1" 404 -
send GET-like request to logging service
received from logging:
received from messages: b'Not implemented endpoint.'
127.0.0.1 - - [02/Mar/2021 20:31:50] "GET /facade-service HTTP/1.1" 200 -
send POST-like request to logging service
127.0.0.1 - - [02/Mar/2021 20:32:37] "POST /facade-service HTTP/1.1" 400 -
127.0.0.1 - - [02/Mar/2021 20:33:00] "POST /facade-service HTTP/1.1" 400 -
send POST-like request to logging service
127.0.0.1 - - [02/Mar/2021 20:33:22] "POST /facade-service HTTP/1.1" 400 -
send POST-like request to logging service
send POST-like request to logging service
received status from logging: 200
127.0.0.1 - - [02/Mar/2021 20:35:36] "POST /facade-service HTTP/1.1" 200 -
127.0.0.1 - - [02/Mar/2021 20:35:57] "POST /facade-service HTTP/1.1" 400 -
send POST-like request to logging service
send POST-like request to logging service
received status from logging: 200
127.0.0.1 - - [02/Mar/2021 20:36:09] "POST /facade-service HTTP/1.1" 200 -
|
```

## Results for GET request:

The screenshot displays the PyCharm IDE interface. The top pane shows the 'Services' tab with a list of HTTP requests. The selected request is a POST request to `http://0.0.0.0:1233/facade-service` with a `Content-Type` of `multipart/form-data; boundary=WebAppBoundary` and a `Cookie` of `key=first-value`. The request body is `{ "msg" : "second" }`. The bottom pane shows the 'Structure' tab with a list of services: `HTTP Request`, `Finished`, `scratch#1`, `scratch#2`, and `Docker`. The right pane shows the response details for the selected request: `HTTP/1.0 200 OK`, `Content-Type: text/html; charset=utf-8`, `Content-Length: 68`, `Server: Werkzeug/1.0.1 Python/3.9.1`, and `Date: Tue, 02 Mar 2021 18:39:36 GMT`. The response body is `from logging: first,second, from messenger: Not implemented endpoint.` and the response code is `200 (OK)` with a time of `23ms` and content length of `68 bytes`.