Итоговое задание

ТОDО-сервис

Создание образа, загрузка на Docker Hub и запуск контейнера:

```
/home/mobaxterm/final_project/todo_app
2025-01-05 ② 14:43.18 > docker build -t aaauuuu/todo-service:latest .
docker:desktop-linux
                                                                                                   0.0s
=> => transferring dockerfile: 337B

=> [internal] load metadata for docker.io/library/python:3.9-slim

=> [auth] library/python:pull token for registry-1.docker.io
                                                                                                   0.0s
                                                                                                    1.9s
                                                                                                   0.0s
=> [internal] load .dockerignore

=> => transferring context: 2B

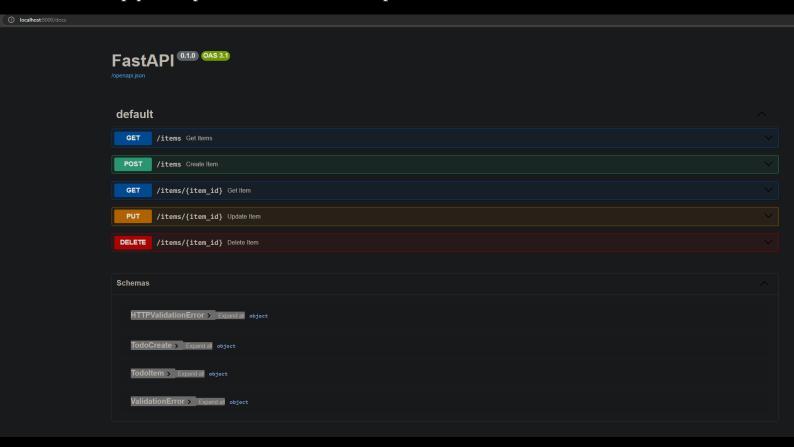
=> [1/5] FROM docker.io/library/python:3.9-slim@sha256:caaf1af9e23adc614

=> => resolve docker.io/library/python:3.9-slim@sha256:caaf1af9e23adc614

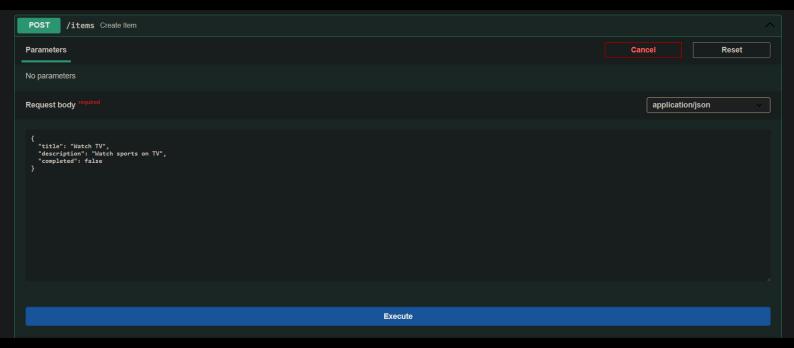
=> [internal] load build context
                                                                                                   0.0s
                                                                                                   0.0s
                                                                                                   0.0s
                                                                                                   0.0s
                                                                                                   0.0s
 => => transferring context: 154B
                                                                                                   0.0s
=> CACHED [2/5] WORKDIR /app
=> CACHED [3/5] COPY requirements.txt .
=> CACHED [4/5] RUN pip install --no-cache-dir -r requirements.txt
                                                                                                   0.0s
                                                                                                   0.0s
                                                                                                   0.0s
 => CACHED [5/5] COPY . .
                                                                                                   0.0s
 => exporting to image
=> => exporting layers
                                                                                                   0.9s
                                                                                                   0.0s
 => => exporting manifest sha256:4a137db27495375ee3fc8e82fe2f19d0b19abe13
                                                                                                   0.0s
 => => exporting config sha256:569e9831b34c297f36dc25202a0e1ea51cbc56c397
                                                                                                   0.0s
 => => exporting attestation manifest sha256:cf55df30a03e09010bb79093cbd4 0.0s
 => => exporting manifest list sha256:711f131999e43958d7fcd3fb2b26990d40b 0.0s
 => => naming to docker.io/aaauuuu/todo-service:latest
                                                                                                   0.0s
 => => unpacking to docker.io/aaauuuu/todo-service:latest
                                                                                                   0.8s
/home/mobaxterm/final_project/todo_app
2025-01-05 ② 14:44.12 docker push aaauuuu/todo-service:latest
The push refers to repository [docker.io/aaauuuu/todo-service]
16c49ccbe2da: Pushed
75a2bc32319e: Pushed
11bf94da8b1c: Pushed
9feece89654b: Pushed
d381bf0bfd6e: Pushed
15ae4a6da7c5: Pushed
b6fbd1f29b29: Pushed
fd674058ff8f: Pushed
96df0e5e8179: Pushed
latest: digest: sha256:711f131999e43958d7fcd3fb2b26990d40ba4150ada941c237d271664
260f23a size: 856
 /home/mobaxterm/final_project/todo_app

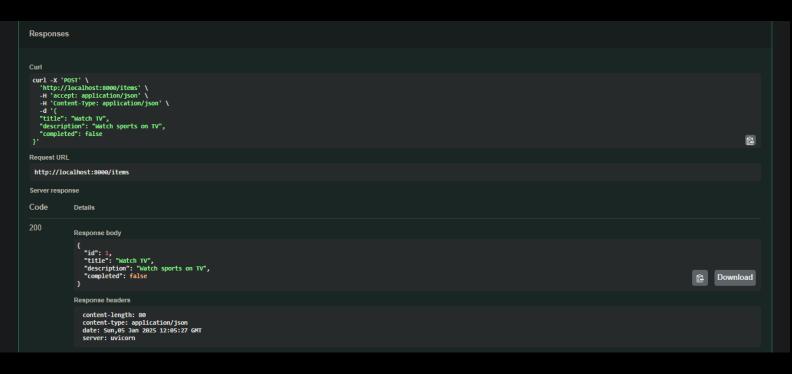
2025-01-05 ② 14:46.09 docker run -d -p 8000:80 -v todo_data:/app/data a
aauuuu/todo-service:latest
1b62a4da06380bb2f245822ba5c66425358c75fc50c8d8d1056b9c7c44a223df
```

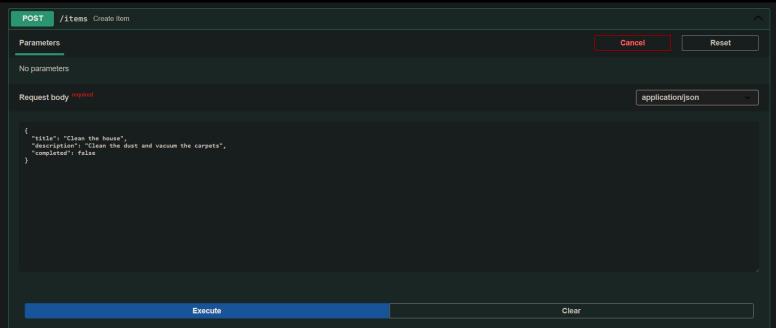
Интерфейс приложения TODO-сервиса:



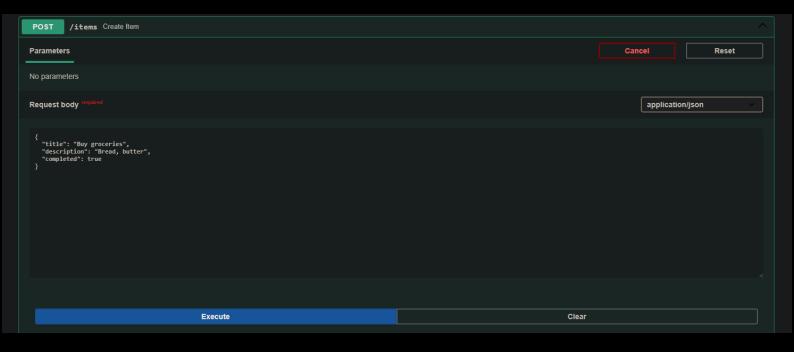
Создание задач:

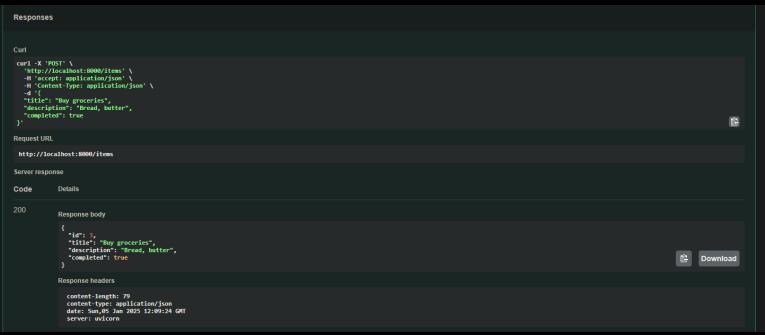




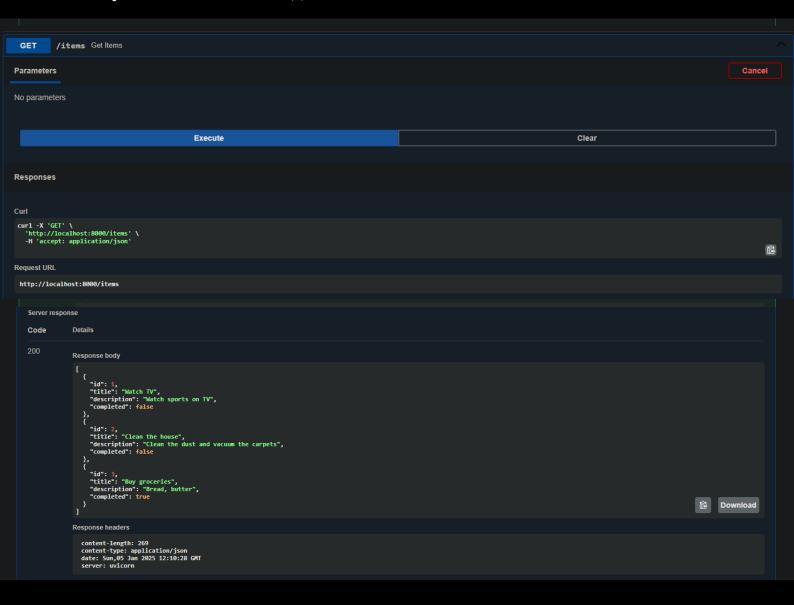








Получение списка всех дел:

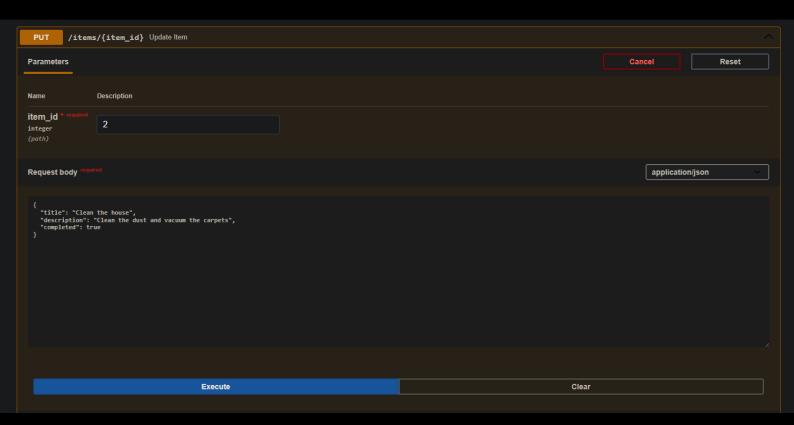


Получение элемента по id:



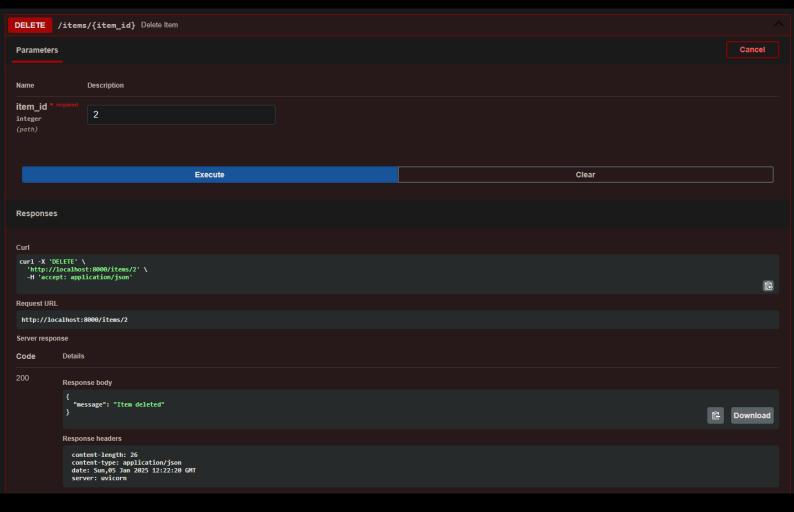


Редактирование элемента:

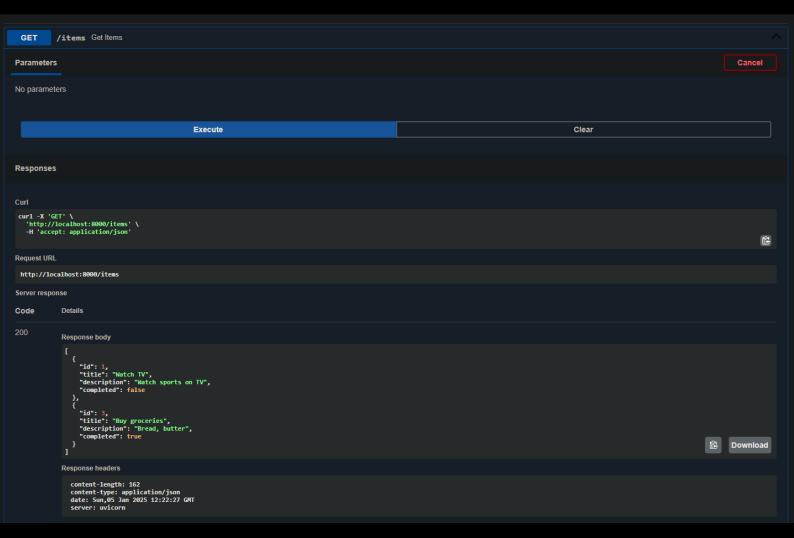




Удаление элемента:



Проверка удаления:



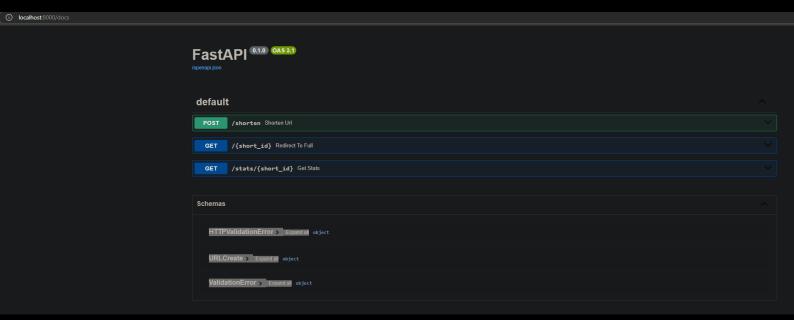
ShortURL-сервис

Создание образа, загрузка на Docker Hub и запуск контейнера:

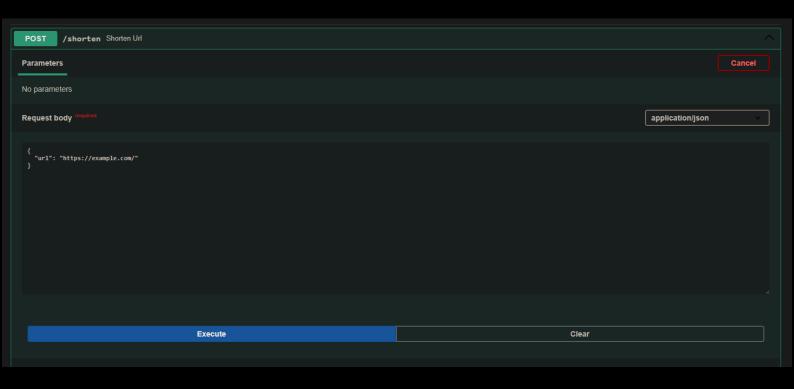
```
[+] Building 2.7s (11/11) FINISHED
                                                            docker:desktop-linux
=> [internal] load build definition from Dockerfile
                                                                            0.0s
=> => transferring dockerfile: 347B
=> [internal] load metadata for docker.io/library/python:3.9-slim
                                                                            0.0s
                                                                            2.1s
 => [auth] library/python:pull token for registry-1.docker.io
                                                                            0.0s
                                                                            0.0s
 => [internal] load .dockerignore
                                                                            0.0s
 => => transferring context: 2B
=> [1/5] FROM docker.io/library/python:3.9-slim@sha256:caaf1af9e23adc614 0.0s
=> => resolve docker.io/library/python:3.9-slim@sha256:caaf1af9e23adc614 0.0s
=> [internal] load build context
                                                                            0.0s
=> => transferring context: 3.29kB
                                                                            0.0s
=> CACHED [2/5] WORKDIR /app
=> CACHED [3/5] COPY requirements.txt .
                                                                            0.0s
                                                                            0.0s
=> CACHED [4/5] RUN pip install --no-cache-dir -r requirements.txt
                                                                            0.0s
=> [5/5] COPY . .
                                                                            0.0s
=> exporting to image
                                                                            0.2s
=> => exporting layers
                                                                            0.1s
=> => exporting manifest sha256:5702db3143bf00cd7de4edcba729c537bd35f86e
                                                                            0.0s
=> => exporting config sha256:d9cb0d5cdfcc6bd724c7a59fa335cbed8d488fc217
                                                                            0.0s
=> => exporting attestation manifest sha256:b0de735ca85b3c27a9b1329c092d 0.0s
=> => exporting manifest list sha256:69b308648a3997e853cf89a0ca1a97c9394
                                                                            0.0s
 => => naming to docker.io/aaauuuu/shorturl-service:latest
                                                                            0.0s
 => => unpacking to docker.io/aaauuuu/shorturl-service:latest
                                                                            0.0s
/home/mobaxterm/final_project/shorturl_app

2025-01-05 ② 15:25.10 docker push aaauuuu/shorturl-service:latest
The push refers to repository [docker.io/aaauuuu/shorturl-service]
b6fbd1f29b29: Pushed
f97e228b313d: Pushed
3770894383c4: Pushed
d381bf0bfd6e: Pushed
11bf94da8b1c: Pushed
9feece89654b: Pushed
fd674058ff8f: Pushed
75a2bc32319e: Pushed
96df0e5e8179: Pushed
latest: digest: sha256:69b308648a3997e853cf89a0ca1a97c9394cde68537c716e59083ca49
1d12f16 size: 856
ta aaauuuu/shorturl-service:latest
6220143b7e6ea07631dac31defd556233560184b083e9784a637106b57f67fdc
```

Интерфейс сервиса для сокращения ссылок:

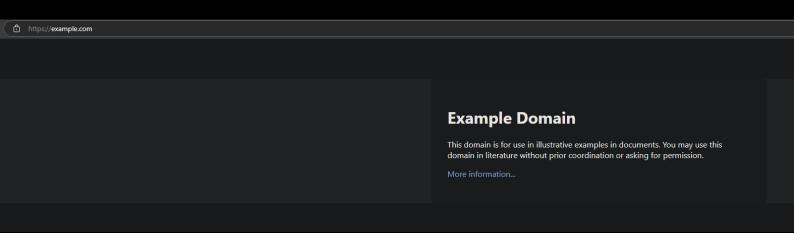


Сокращение URL:

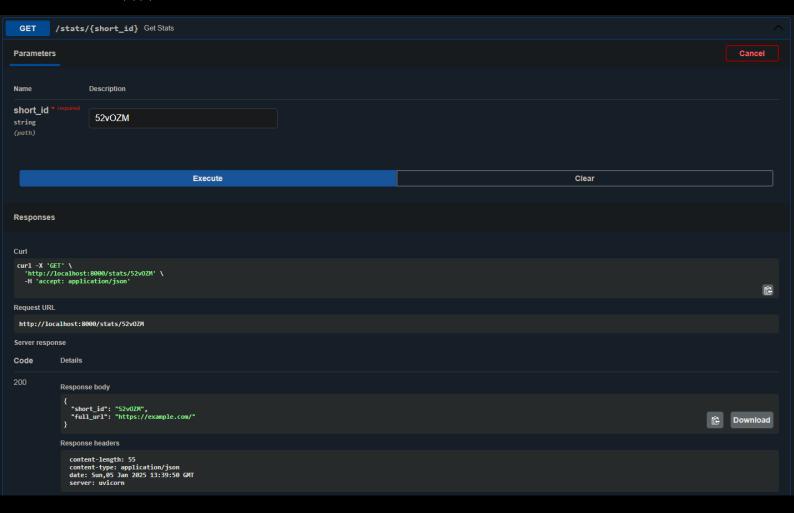




Переход на страницу по сокращенной ссылке:



Вывод данных о ссылке:



Образы сервисов загружены на DockerHub:

