

Лабораторная работа №9

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API: сохранение и удаление треков юзеров

Как запустить проект?

Чтобы запустить проект, необходимо выполнить команду:
docker-compose up --build

Технологии

Этот проект на FastAPI, ORM - SQLAlchemy, БД - postgres

Как сделать запросы к API

Создание пользователя:

```
curl -X POST "http://localhost:8000/users/" -H "Content-Type: application/json" -d '{"username": "example_user"}'
```

```
$ curl -X POST "http://localhost:8000/users/" -H "Content-Type: application/json" -d '{"username": "amira"}'
{"id":3,"username":"amira"}
```

Создание трека:

```
curl -X POST "http://localhost:8000/tracks/" -H "Content-Type: application/json" -d '{"title": "Example Track", "artist": "Example Artist"}'
```

```
$ curl -X POST "http://localhost:8000/tracks/" -H "Content-Type: application/json" -d '{"title": "Make you mine", "artist": "Madison Beer"}'
{"title":"Make you mine","artist":"Madison Beer"}
```

Добавление любимого трека пользователю:

```
curl -X POST "http://localhost:8000/users/{user_id}/favorite-tracks/" -H "Content-Type: application/json" -d '{"track_id": 1}'
```

```
$ curl -X POST "http://localhost:8000/users/3/favorite-tracks/" -H "Content-Type: application/json" -d '{"track_id": 1}'
{"id":1,"user_id":3,"track_id":1}
```

Получение списка треков:

```
curl -X GET "http://localhost:8000/tracks/" -H "accept: application/json"
```

```
$ curl -X GET "http://localhost:8000/tracks/" -H "accept: application/json"
[{"title": "Make you mine", "artist": "Madison Beer"}]
```

Получение списка любимых треков пользователя:

```
curl -X GET "http://localhost:8000/users/{user_id}/favorite-tracks/"
-H "accept: application/json"
```

```
$ curl -X GET "http://localhost:8000/users/2/favorite-tracks/" -H "accept: application/json"
[]
```

```
$ curl -X GET "http://localhost:8000/users/3/favorite-tracks/" -H "accept: application/json"
[{"id": 1, "user_id": 3, "track_id": 1}]
```

Удаление любимого трека пользователя:

```
curl -X DELETE
"http://localhost:8000/users/{user_id}/favorite-tracks/{favorite_track_id}/"
```

```
$ curl -X DELETE "http://localhost:8000/users/3/favorite-tracks/1/"
```