

# Flask App mit CouchDB

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## Installation

### 1. Github Repo holen

```
sudo git clone https://github.com/MAYnerAC/flask-couchdb-api.git
```

### 2. Verzeichnis öffnen

```
cd flask-couchdb-api/flask-couchdb-api/
```

### 3. Dependencies installieren

```
pip install -r requirements.txt --break-system-packages
```

### 4. config.py bearbeiten --> Passwort!

```
sudo nano config.py
```

## Konfiguration

```
import os

COUCHDB_URL = os.getenv('COUCHDB_URL',
'http://admin:AdminCouchDB1234%21@127.0.0.1:5984/')
DATABASE_NAME = 'movies'
```

### 5. Applikation starten

```
python3 app.py
```

### 6. Im Browser öffnen

```
http://localhost:5000
```

# Bedienung

## Film erstellen:

Movie API

localhost:5000

Movie API1.0

[ Base URL: / ]

/swaggerjson

A simple Movie API

movies

Movies operations

POST

/movie/

Parameters

Cancel

Name	Description
<div><div>payload</div><div>★ required</div><div>object</div><div>(body)</div></div>	<div><div>Edit Value</div><div>Model</div></div> <div><pre>{  "title": "EneasFilm",  "year": 2006,  "genre": "Komödie",  "director": "Enea",  "rating": 10,  "duration": 120}</pre></div> <div><div>Cancel</div></div> <div><div>Parameter content type</div><div>application/json</div></div>

Execute

Clear

Responses

Response content type

application/json

Curl

```
curl -X 'POST' \  'http://localhost:5000/movie/' \  -H 'accept: application/json' \  -H 'Content-Type: application/json' \  -d '{  "title": "EneasFilm",  "year": 2006,  "genre": "Komödie",  "director": "Enea",  "rating": 10,  "duration": 120}'
```

Request URL

http://localhost:5000/movie/

Server response

Code	Details
201	<div><div>Response body</div><div><pre>{  "id": "a35cb9eb5cab941f401b9f8daf000dd6",  "rev": "1-a898ba13989d543a75d07f5ca18c98ac"}</pre></div><div><div>Download</div></div></div> <div><div>Response headers</div><div><pre>access-control-allow-credentials: true  access-control-allow-origin: http://localhost:5000  connection: close  content-length: 98  content-type: application/json  date: Tue, 15 Apr 2025 19:46:12 GMT  server: Werkzeug/3.0.6 Python/3.12.3  vary: Origin</pre></div></div>

Responses

Code	Description
200	Success

Film ausgeben:

Apr 15 21:50

Movie API

localhost:5000

200 Success

GET /movie/

Parameters

No parameters

Execute Clear

Responses

Response content type application/json

Curl

Request URL

Server response

Code Details

200

Response body

Response headers

Responses

Code Description

200 Success

```
curl -X 'GET' \
  'http://localhost:5000/movie/' \
  -H 'accept: application/json'
```

```
http://localhost:5000/movie/
```

```
200
{
  "id": "a35cb9eb5cab941f401b9f8daf000dd6",
  "rev": "1-a898ba13989d543a75d07f5ca18c98ac",
  "title": "EneasFilm",
  "year": 2006,
  "genre": "Komödie",
  "director": "Enea",
  "rating": 10,
  "duration": 120,
  "status": "active"
}
```

```
connection: close
content-length: 310
content-type: application/json
date: Tue, 15 Apr 2025 19:49:20 GMT
server: Werkzeug/3.0.6 Python/3.12.3
```

Code	Description
200	Success

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