

HomeWorkspacesAPI NetworkExplore

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InviteUpgrade

My Workspace

NewImport

GET http://localhost:8000/r

POST Post data

No Environment

Collections

Environments

History

RESTful API basics: CRUD, test & vari...

PUT Get data

POST Post data

GET Update data

GET Delete data

RESTful API basics: CRUD, test & variable / Post data

POST http://localhost:8000/movies

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

```
1 {
2   ...
3   "title": "Movie- Super Man",
4   "release_date": "2017-12-10",
5   "genre": "Action",
6   "duration_minutes": 120,
7   "rating": 9.5
8 }
```

BodyCookiesHeaders (10)Test Results (1/1)

Status: 201 CreatedTime: 17 msSize: 451 BSave as Example

PrettyRawPreviewVisualizeJSON

```
1 {
2   "id": 6,
3   "title": "Movie- Super Man",
4   "release_date": "2017-12-10",
5   "genre": "Action",
6   "duration_minutes": 120,
7   "rating": 9.5
8 }
```

OnlineFind and replaceConsole

RunnerCapture requestsCookiesTrash

29°C Partly sunny1:27 PM7/10/2023

Django REST framework

Movie List Create

Movie List Create

OPTIONS

GET

GET /movies

HTTP 200 OK

Allow: GET, POST, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
[
  {
    "id": 1,
    "title": "Movie-Avengers",
    "release_date": "2012-12-04",
    "genre": "Action",
    "duration_minutes": 120,
    "rating": 9.5
  },
  {
    "id": 2,
    "title": "Movie-Avatar",
    "release_date": "2023-07-10",
    "genre": "Action",
    "duration_minutes": 120,
    "rating": 9.5
  },
  {
    "id": 3,
    "title": "Movie- Spartacus",
    "release_date": "2017-10-10",
    "genre": "Action",
    "duration_minutes": 120,
```

FOLDERS

- MovieRental Service API
 - Movie
 - rental_app
 - __pycache__
 - migrations
 - /* __init__.py
 - /* admin.py
 - /* apps.py
 - /* models.py
 - /* serializers.py
 - /* tests.py
 - /* urls.py
 - /* views.py
 - Screenshots
 - venv
 - db.sqlite3
 - /* manage.py

```
serializers.py
1 from rest_framework import serializers
2 from rest_framework.validators import UniqueValidator
3
4 from .models import Movie
5
6 class MovieSerializer(serializers.ModelSerializer):
7     title = serializers.CharField(
8         min_length=1,
9         max_length=50,
10        validators=[UniqueValidator(queryset=Movie.objects.all())]
11    )
12    release_date = serializers.DateField()
13    genre = serializers.ChoiceField(choices=["Action", "Drama", "Comedy", "Thriller", "Sci-Fi"])
14    duration_minutes = serializers.IntegerField(min_value=1, max_value=600)
15    rating = serializers.FloatField(min_value=0.0, max_value=10.0, allow_null=True, required=False)
16
17    def validate_release_date(self, value):
18        from datetime import date
19        max_date = date.today().replace(year=date.today().year - 30)
20        if value > date.today():
21            raise serializers.ValidationError("Release date cannot be in the future.")
22        elif value < max_date:
23            raise serializers.ValidationError("Release date should be within the last 30 years.")
24        return value
25
26    def validate_title(self, value):
27        prefix = "Movie-"
28        if not value.startswith(prefix):
29            raise serializers.ValidationError(f"The title should start with '{prefix}' prefix.")
30        return value
31
32    class Meta:
33        model = Movie
34        fields = '__all__'
35
```

Line 1, Column 1

Spaces: 4 Python



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1:35 PM
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Movie List Create

OPTIONS

GET ▾

POST /movies

HTTP 400 Bad Request

Allow: GET, POST, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
{
  "title": [
    "This field may not be blank."
  ],
  "release_date": [
    "Date has wrong format. Use one of these formats instead: YYYY-MM-DD."
  ],
  "duration_minutes": [
    "A valid integer is required."
  ]
}
```

Raw data

HTML form

Title

This field may not be blank.

Release date

Date has wrong format. Use one of these formats instead: YYYY-MM-DD.

Genre

Duration minutes

A valid integer is required.

Rating



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