

Movies API Documentation

Base URL

<https://ancient-caverns-16784.herokuapp.com/>

Routes

Get All Movies

Auth: no auth needed

Method: GET

Path: /movies[?field=value]

The same route can be used to perform a search. The query string can contain any number of searchable* fields. The movies that fulfill **all** conditions will be returned.

The searchable fields for a movie are:

- Title
- Year
- Runtime
- Genre
- Language
- Country
- Poster
- imdbRating
- imdbVotes
- imdbID
- Type

For “Title” and “Genre”, the results will be retrieved if the movie title **contains** the value specified in the query. Some Regular Expressions are also allowed, and the search is case insensitive.

Examples:

- /movies?Title=a - returns all movies that contain ‘a’ anywhere in the Title
- /movies?Title=^a - returns all movies whose Title starts with ‘a’ or ‘A’
- /movies?Title=a\$ - returns all movies whose Title ends in ‘a’ or ‘A’
- /movies?Title=^a&Year=2000 - returns all movies whose Title starts with ‘a’ or ‘A’ and have Year=2000
- /movies?Title=^a&Genre=Action - returns all movies whose Title starts with ‘a’ or ‘A’ and are action movies

Response:

- 200 - the array of movies
- 400 - an error stating that "Field" does not exist for a movie or is not a searchable field' or 'An invalid regular expression was supplied"

Add Movie

Auth:required

Headers:

x-auth-token:<accessToken received in login/register response>

Method: POST

Path: /movies

Payload:{

"Title": "Angel-A",

"Year": "2005",

"imdbID": "tt0473753",

"Type": "movie",

"Poster":

"https://images-na.ssl-images-amazon.com/images/M/MV5BMTIwNTQ2OTgxOV5BMTI5BanBnXkFtZTcwODAwNDI0MQ@@._V1_SX300.jpg"

}

Response:

- 200 - the newly inserted movie object
- 403 - {message: "You need to be authenticated to be able to create a movie"}

Get Movie

Auth: no auth needed

Method: GET

Path: /movies/:id

Response:

- 200 - movie object

Edit Movie

Auth:required

Headers:

x-auth-token:<accessToken received in login/register response>

Method:PUT

Path: /movies/:id

Payload: {Year: 2009}

Response:

- 200 - the updated movie object

- 403 - {message: "You need to be authenticated to be able to update a movie"}
- 400 - {'message': 'Nothing to update'}

DELETE Movie

Auth: required

Headers:

x-auth-token: <accessToken received in login/register response>

Method: DELETE

Path: /movies/:id

Response:

- 200 - 'The movie with id {id} was deleted'
- 403 - {message: "You need to be authenticated to be able to delete a movie"}

Populate Movies Database

Auth: no auth needed

Method: POST

Path: /movies/all

Response:

- 200 - an array with the movies inserted in the database

Login

Auth: no auth needed

Method: POST

Path: /auth/login

Payload: {
 username: test,
 password: test
 }

Response:

- 200 - {
 "authenticated": true,
 "accessToken": "5nyQ3ImfwzsbujW7vJPr2qY3mPJ-3Rs"
 }
- 401 - {message: "user not found/wrong password"}

Register

Auth: no auth needed

Method: POST

Path: /auth/register

Payload: {
 username: test,
 password: test
}

Response:

- 200 - {
 "authenticated": true,
 "accessToken": "5nyQ3ImfwzsbujW7vJPr2qY3mPJ-3Rs"
}
- 409 - {message: "Username already existing"}

Log out

Auth:required

Headers:

 x-auth-token:<accessToken received in login/register response>

Method: GET

Path: /auth/logout

Response:

- 200 - {
 message: "User logged out successfully"
}
- 403 - {message: "You have to be logged-in in order to log out"}

Data

Movie Details Example

```
{  
  "Title": "Angel-A",  
  "Year": "2005",  
  "Rated": "R",  
  "Released": "21 Dec 2005",  
  "Runtime": "91 min",  
  "Genre": "Comedy, Drama, Fantasy",  
  "Director": "Luc Besson",  
  "Writer": "Luc Besson",  
  "Actors": "Jamel Debbouze, Rie Rasmussen, Gilbert Melki, Serge Riaboukine",  
}
```

```

    "Plot": "A beautiful woman helps an inept scam artist get his game together.",
    "Language": "French, Spanish",
    "Country": "France",
    "Awards": "N/A",

    "Poster": "https://images-na.ssl-images-amazon.com/images/M/MV5BMTIwNTQ2OTgxOV5BMTI5
    BanBnXkFtZTcwODAwNDI0MQ@@._V1_SX300.jpg",
    "Ratings": [
      {
        "Source": "Internet Movie Database",
        "Value": "7.1/10"
      },
      {
        "Source": "Rotten Tomatoes",
        "Value": "44%"
      },
      {
        "Source": "Metacritic",
        "Value": "48/100"
      }
    ],
    "Metascore": "48",
    "imdbRating": "7.1",
    "imdbVotes": "27,750",
    "imdbID": "tt0473753",
    "Type": "movie",
    "DVD": "20 Nov 2007",
    "BoxOffice": "N/A",
    "Production": "Sony Pictures Classics",
    "Website": "http://www.angel-amovie.com",
    "Response": "True"
  }
}

```

Movies List Example

```

[
  {
    "_id": "59d79f05b0b596040599aac8",
    "Title": "Star Wars: Episode IV - A New Hope",
    "Year": "1977",
    "Runtime": "121 min",
    "Genre": "Action, Adventure, Fantasy",

```

```
    "Language": "English",
    "Country": "USA",
    "Poster":
    "https://images-na.ssl-images-amazon.com/images/M/MV5BYTUwNTdiMzMtNTNmNS00ODUzLThlMDMtMTM5Y2JkNWJjOGQ2XkEyXkFqcGdeQXVyNzQ1ODk3MTQ@._V1_SX300.jpg",
    "imdbRating": "8.7",
    "imdbVotes": "999,345",
    "imdbID": "tt0076759",
    "Type": "movie"
  },
  {
    "_id": "59d79f05b0b596040599aac9",
    "Title": "A Beautiful Mind",
    "Year": "2001",
    "Runtime": "135 min",
    "Genre": "Biography, Drama",
    "Language": "English",
    "Country": "USA",
    "Poster":
    "https://images-na.ssl-images-amazon.com/images/M/MV5BMzcwYWFkYzktZjAzNC00OGY1LWI4YTgtNzc5MzVjMDVmNjY0XkEyXkFqcGdeQXVyMTQxNzMzNDI@._V1_SX300.jpg",
    "imdbRating": "8.2",
    "imdbVotes": "677,499",
    "imdbID": "tt0268978",
    "Type": "movie"
  }
]
```