

DESENVOLVIMENTO WEB I



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Curso: Informática

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API - TMDB



- O serviço *API* é para aqueles que estão interessados em usar os filmes, séries ou imagens/ dados de atores presentes na base de dados do TMDB.
- É um sistema para todos pesquisarem e usarem programaticamente os dados e/ou imagens fornecidas.
- A API faculta uma maneira rápida, consistente e confiável de obter dados de terceiros.
- A TMDB *user account* necessita de pedir uma *API Key*.
- É possível obter uma *API Key* facilmente, e de custo grátis.
- Não é possível fazer mudanças na *API* , devido a que esta é um código fechado.

COLLECTIONS

Team Workspace

NewImport

Collections

+...

APIs

Environments

Mock Servers

Monitors

Flows

History

TMDB API

> Account

> Autentication

> Certifications

> Companies

> Discover

> Genre

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> Lists

> Movies

> Networks

> Trending

> People

> TV

> Tv_Seasons

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> Watch Providers

Team Workspace

NewImport

Collections

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APIs

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TMDB API

> Account

> GET account_details

> POST Mark_favourite

> POST Add to watchlist

> Autentication

> GET Token

> POST Create_Sessoins_ID

> DEL Delete_session

> Certifications

> GET Movie certifications

> GET TV certifications

> Companies

> GET Company details

> GET Company alternative names

> GET Images

> Discover

> GET Movie discover

TUTORIAL – OBTENÇÃO DA API KEY

1. <https://developers.themoviedb.org/3/getting-started/introduction>


Getting Started

Introduction

Welcome to version 3 of The Movie Database (TMDB) API. Below you will find a current list of the available methods on our movie, tv, actor and image API. If you need help or support, please head over to our [API support forum](#).

To register for an account, click the [API link](#) from within your account settings page. You can also view the screenshots below for help:

2. Clicar na hiperligação que está a azul.

 You don't have permission to access this page

You've tried to request a page that requires you to be logged in. Log in to your account by [clicking here](#).

TUTORIAL – OBTENÇÃO DA API KEY

3. Iniciar a sessão ou registrar.

Iniciar Sessão na sua conta

Para usar os recursos de edição e classificação do TMDb, além de obter recomendações personalizadas, precisará iniciar sessão na sua conta. Se não possuir uma conta, o registo é gratuito e simples. [Clique aqui](#) para começar.

Se criou uma conta, mas não recebeu o e-mail de verificação, [clique aqui](#) para reenviá-lo.

Nome de Utilizador

Palavra-passe

Iniciar Sessão

[Redefinir a Palavra-passe](#)

TUTORIAL – OBTENÇÃO DA API KEY

4. Depois de entrar na sua conta, clicar na hiperligação de ‘Pedir a chave da API’.

API Overview Criar

TMDb offers a powerful API service that is free to use as long as you properly attribute us as the source of the data and/or images you use. You can find the logos for attribution [here](#).

Documentação

Our primary documentation is located at developers.themoviedb.org.

Ajuda & Suporte

If you have questions or comments about the information covered here, please create a post on our [support forums](#).

Pedir a Chave da API


To generate a new API key, [click here](#)




TUTORIAL – OBTENÇÃO DA API KEY


5. Escolher o tipo 'Developer'.

What type of API key do you wish to register?



 **Developer**

- You are an individual
- Your project is still in development
- Your project is non profit
- Your project is ad supported


 **Professional**

- You represent a company
- Your project is for profit (not ad supported)
- You are an OEM or hardware vendor

6. Aceitar os Termos de Uso no final da página.

TUTORIAL – OBTENÇÃO DA API KEY

7. No ‘Tipo de Uso’, escolher Pessoal e preencher todos os campos.



Tipo de Uso

Pessoal

Nome da Aplicação

TMDB_Parte1

URL da Aplicação

<https://www.themoviedb.org/>

Resumo da Aplicação

Primeiro Nome

Último Nome

Endereço de Correio Eletrónico

Número de Telemóvel (no parenthesis or dashes)

Endereço 1

Endereço 2

Cidade

Estado

Código Postal

País

Portugal

TUTORIAL – OBTENÇÃO DA API KEY

8. Após a obtenção da API Key e do HTTP Request é só preciso copiar e colar no Postman.

Chave da API (v3 auth)

ddbcd195708e59341991493fad54be46

Exemplo: Requisição da API


https://api.themoviedb.org/3/movie/550?api_key=ddbcd195708e59341991493fad54be46

Autentication

GET Token

POST Create_Sessoin_ID

DEL Delete_session



| GET | https://api.themoviedb.org/3/authentication/token/new ... | Send | | | | | |
|-------------------------------------|---|----------------------------------|-------------|--------------------|-----------|----------|---------|
| Params | Authorization | Headers (6) | Body | Pre-request Script | Tests | Settings | Cookies |
| Query Params | | | | | | | |
| | KEY | VALUE | DESCRIPTION | ... | Bulk Edit | | |
| <input checked="" type="checkbox"/> | api_key | ddbcd195708e59341991493fad54be46 | | | | | |

Authentication > [GET] Token

AUTORIZAR TOKEN

```
1  {  
2    "success": true,  
3    "expires_at": "2021-10-11 18:14:26 UTC",  
4    "request_token": "a4b699aadd1f4906b3e7a5277435ea4a2efbbf6a"  
5  }
```



Account > [GET] account_details

GET

https://api.themoviedb.org/3/account?session_id={{session_id}}

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

| | KEY | VALUE | DESCRIPTION | ... | Bulk Edit |
|-------------------------------------|------------|----------------------------------|-------------|-----|-----------|
| <input checked="" type="checkbox"/> | api_key ⓘ | 79679f954f5b234bbc4cc6a8e041fe20 | | | |
| <input checked="" type="checkbox"/> | session_id | {{session_id}} | | | |

Body

Cookies

Headers (16)

Test Results

Status: 200 OK

Time: 140 ms

Size: 951 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
2  "avatar": {
3    "gravatar": {
4      "hash": "0037d5419522fed54cb24f39d4ec94d9"
5    },
6    "tmdb": {
7      "avatar_path": null
8    }
9  },
10  "id": 11243857,
11  "iso_639_1": "pt",
12  "iso_3166_1": "PT",
13  "name": "",
14  "include_adult": false,
15  "username": "Marlope"
```

Movies > [GET] Movie Details

```
1  {
2    "adult": false,
3    "backdrop_path": "/xjcQI608xZCFtLVjp2IckYgDqV6.jpg",
4    "belongs_to_collection": null,
5    "budget": 0,
6    "genres": [
7      {
8        "id": 18,
9        "name": "Drama"
10     },
11   ],
12   "homepage": "",
13   "id": 124,
14   "imdb_id": "tt0086961",
15   "original_language": "pl",
16   "original_title": "Bez końca",
17   "overview": "1982, Poland. A translator loses her husband and becomes a victim of her own sorrow. She looks to sex, to her son, to law, and to hypnotism when she has nothing else in this time of martial law when Solidarity was banned.",
18   "popularity": 4.48,
19   "poster_path": "/3pdFiguviXNgahDkmXJHCck0PkC.jpg",
20   "production_companies": [
21     {
22       "id": 1587,
23       "logo_path": null,
24       "name": "Film Polski",
25       "origin_country": "PL"
26     },
27     {
28       "id": 73837,
29       "logo_path": null,
30       "name": "Studio Filmowe Tor",
31       "origin_country": "PL"
32     }
33   ],
34 }
```

Movies > [POST] Rate_movie

POST

https://api.themoviedb.org/3/movie/550/rating?session_id=d9b828c11734cfaa6f24cc316c99ace81f8ef803

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

| | KEY | VALUE | DESCRIPTION | ... | Bulk Edit |
|-------------------------------------|------------|--|-------------|-----|-----------|
| <input checked="" type="checkbox"/> | api_key ⓘ | 79679f954f5b234bbc4cc6a8e041fe20 | | | |
| <input checked="" type="checkbox"/> | session_id | d9b828c11734cfaa6f24cc316c99ace81f8ef803 | | | |
| | Key | Value | Description | | |

Body

Cookies

Headers (14)

Test Results

🌐 Status: 201 Created Time: 416 ms Size: 748 B Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "success": true,
3   "status_code": 1,
4   "status_message": "Success."
5 }
```

Movies > [DEL] rating

DELETE

https://api.themoviedb.org/3/movie/550/rating?session_id={{session_id}}

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

| | KEY | VALUE | DESCRIPTION | ... | Bulk Edit |
|-------------------------------------|------------|----------------------------------|-------------|-----|-----------|
| <input checked="" type="checkbox"/> | api_key ⓘ | 79679f954f5b234bbc4cc6a8e041fe20 | | | |
| <input checked="" type="checkbox"/> | session_id | {{session_id}} | | | |
| | Key | Value | Description | | |

Body

Cookies

Headers (16)

Test Results

🌐 Status: 200 OK Time: 353 ms Size: 830 B Save Response

Pretty

Raw

Preview

Visualize

JSON

🔍

```
1 {
2   "success": true,
3   "status_code": 13,
4   "status_message": "The item/record was deleted successfully."
5 }
```

TV > [GET] tv_topRated

GET ▼ https://api.themoviedb.org/3/tv/topRated?api_key=<api_key>&language=en-US&page=1 Send ▼

Params ● Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

| | | |
|-------------------------------------|----------|-------|
| <input checked="" type="checkbox"/> | language | en-US |
| <input checked="" type="checkbox"/> | page | 1 |

Body Cookies Headers (16) Test Results 🌐 Status: 200 OK Time: 21 ms Size: 14.5 KB Save Response ▼

Pretty Raw Preview Visualize JSON ▼ ≡

```
2  |  "page": 1,
3  |  "results": [
4  |    {
5  |      "backdrop_path": "/7q448EV0nuE3gVAX24krz07SNXM.jpg",
6  |      "first_air_date": "2021-09-03",
7  |      "genre_ids": [
8  |        99
9  |      ],
10 |      "id": 130392,
11 |      "name": "The D'Amelio Show",
12 |      "origin_country": [
13 |        "US"
14 |      ],
15 |      "original_language": "en",
16 |      "original_name": "The D'Amelio Show",
17 |      "poster_path": "/...",
18 |      "release_date": "2021-09-03",
19 |      "seasons": 1,
20 |      "type": "TV Show",
21 |      "vote_average": 8.5,
22 |      "vote_count": 1234
23 |    }
24 |  ]
25 | }
```

TV > [POST] Rate_TV_Show

POST

https://api.themoviedb.org/3/tv/1/rating?session_id={{session_id}}

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

| | KEY | VALUE | DESCRIPTION | ... | Bulk Edit |
|-------------------------------------|------------|----------------------------------|-------------|-----|-----------|
| <input checked="" type="checkbox"/> | api_key ① | 79679f954f5b234bbc4cc6a8e041fe20 | | | |
| <input checked="" type="checkbox"/> | session_id | {{session_id}} | | | |
| | Key | Value | Description | | |

Body

Cookies

Headers (14)

Test Results

Status: 201 Created

Time: 247 ms

Size: 748 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "success": true,
3   "status_code": 1,
4   "status_message": "Success."
5 }
```


TV > [DEL] Rating_TV_Show

DELETE

https://api.themoviedb.org/3/tv/1/rating?session_id={{session_id}}

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

| | KEY | VALUE | DESCRIPTION | ... | Bulk Edit |
|-------------------------------------|------------|----------------------------------|-------------|-----|-----------|
| <input checked="" type="checkbox"/> | api_key ⓘ | 79679f954f5b234bbc4cc6a8e041fe20 | | | |
| <input checked="" type="checkbox"/> | session_id | {{session_id}} | | | |

Body

Cookies

Headers (16)

Test Results

Status: 200 OK

Time: 252 ms

Size: 830 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "success": true,
3   "status_code": 13,
4   "status_message": "The item/record was deleted successfully."
5 }
```

OPINIÃO SOBRE A API EM ESTUDO

LINKS

- Pedido da API Key:
<https://developers.themoviedb.org/3/getting-started/introduction>