Movie DB Pre Development Documentation:

## Movie DB API Login:

Sign Up : [Sign Up — The Movie Database (TMDb) (themoviedb.org)](https://www.themoviedb.org/signup)

Login Page URL: <https://www.themoviedb.org/login>

## API Key Registration:

* Click on your avatar in the main navigation
* Click the “Settings” link/section
* Click the “API” link/section in the left sidebar
* Click “Create or “click here” on the API page
* Fill in the details of your application
* API key is generated after successfully filling your application details

## API Dashboard:

API Dashboard after successful generation of API key:

Graphical user interface, text, application, email

Description automatically generated

## Testing a sample GET request: [The Movie Database API (themoviedb.org)](https://developers.themoviedb.org/3/movies/get-movie-details) (response schema)

GET details:

GET /movie/{movie\_id} - GET the primary information about a movie

Definition:

Authentication- API key

Path parameters- movie\_id integer required

Query String-

api\_key String required

language String optional

append\_to\_response String optional

Response- application/json

Sample Request: Movie\_id:550, Api\_key= <<your API key>>, Language=en-US (optional)

Response:

Graphical user interface, text, application, email

Description automatically generated

Stats for the API hits through your API key will be available on API dashboard

Graphical user interface, application, table

Description automatically generated

Calling Movie DB API:

Let’s take movies GET Details request: [https://api.themoviedb.org/3/movie/{movie\_id}?api\_key=<<api\_key>>&language=en-US](https://api.themoviedb.org/3/movie/%7bmovie_id%7d?api_key=%3c%3capi_key%3e%3e&language=en-US)

Requesting and reading the response:

string apiKey = "yourAPIkey";

HttpWebRequest apiRequest = WebRequest.Create("https://api.themoviedb.org/3/movie/" + id + "?api\_key=" + apiKey + "&language=en-US") as HttpWebRequest;

string apiResponse = "";

using (HttpWebResponse response = apiRequest.GetResponse() as HttpWebResponse)

{

StreamReader reader = new StreamReader(response.GetResponseStream());

apiResponse = reader.ReadToEnd();

}

In the above code id is movie\_id which is passed into this method as a parameter

## References:

[API docs](https://developers.themoviedb.org/3/getting-started/introduction)

[The Movie Database API (themoviedb.org)](https://developers.themoviedb.org/3/movies/get-movie-details) - - types of responses (success, not found) and their schemas.