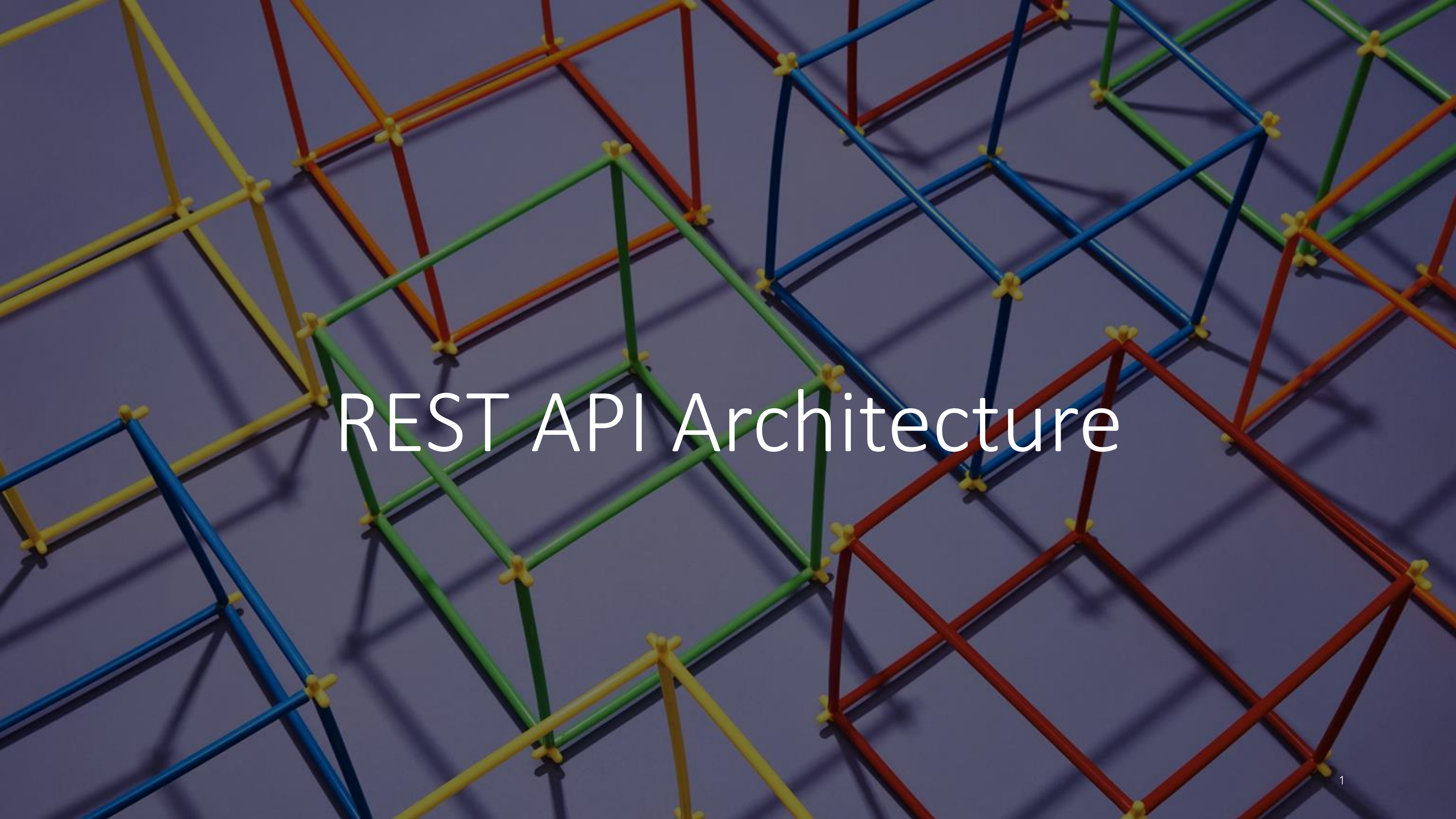
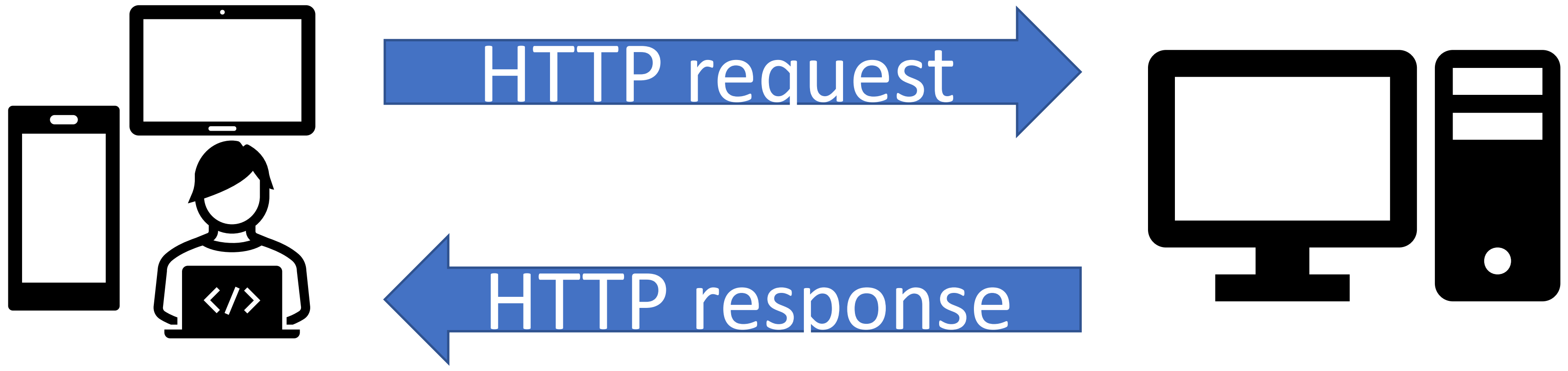


REST API Architecture

REST API

- **Re**presentational **S**tate **T**ransfer
- guides the design and development of a **client–server** architecture for the **World Wide Web** by using a **stateless** protocol.
- emphasises the **scalability** of interactions between components, **uniform interfaces**, **independent deployment** of components, and the creation of a layered architecture to facilitate caching components to **reduce** user-perceived **latency**, enforce **security**, and **encapsulate legacy systems**.
- REST has been employed throughout the software industry.
- based on **HTTP methods** to access resources via **URL-encoded parameters** and the use of **JSON** or **XML** to transmit data.
- It provides operations (**HTTP methods**) such as **GET**, **POST**, **PUT**, and **DELETE**.

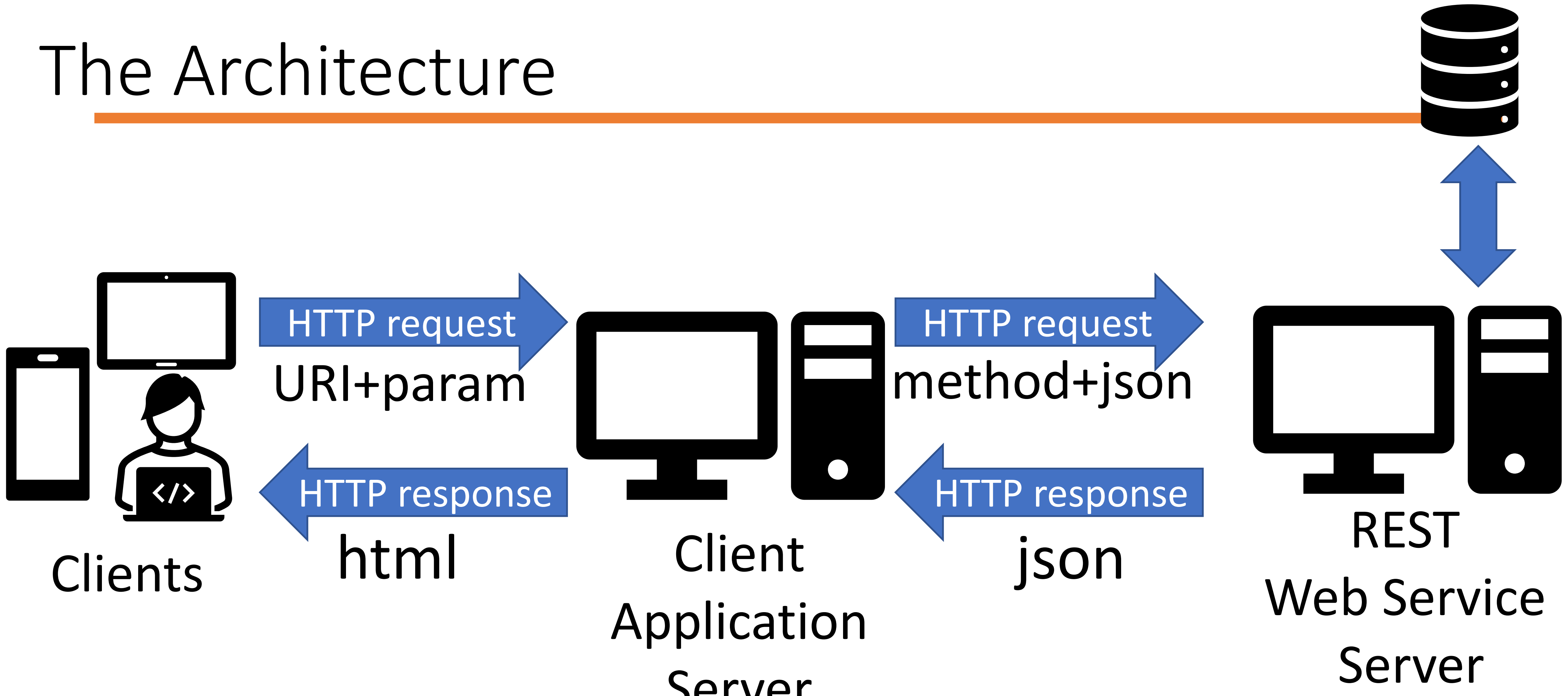
The Architecture



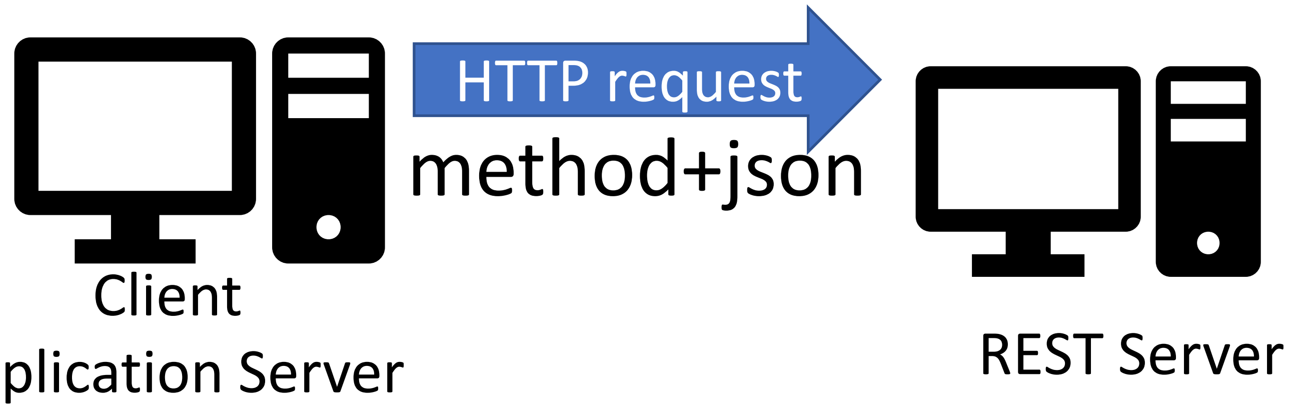
Clients

REST Web Service Server

The Architecture

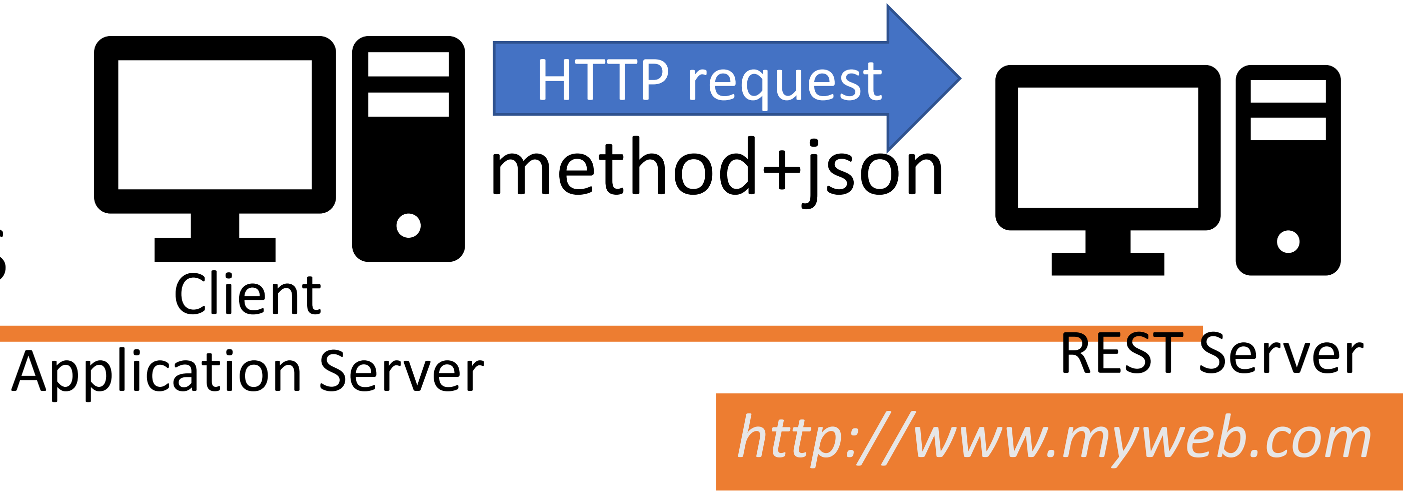


HTTP Request Methods



GET	Retrieve Resource
POST	Submit Resource
PUT/PATCH	Update Resource
DELETE	Delete/Destroy Resource

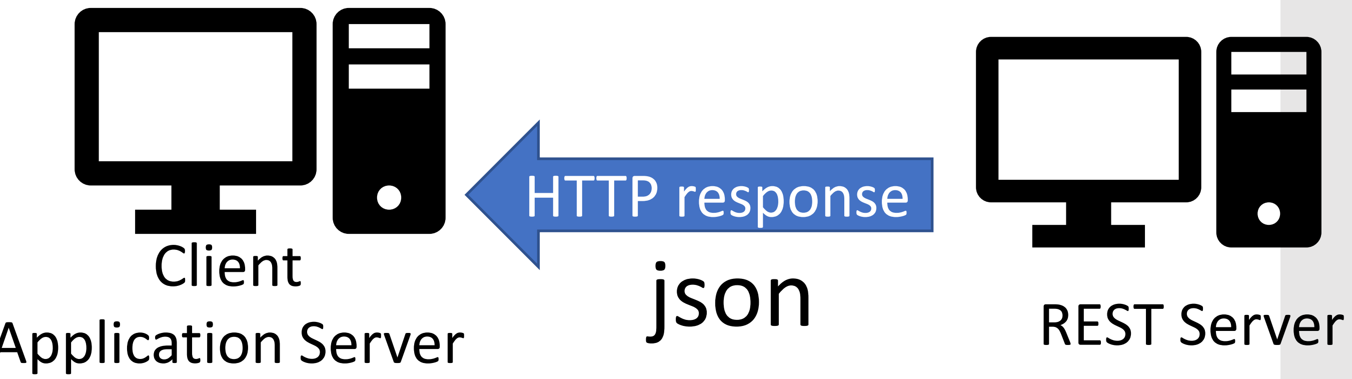
RESTful API Standards



http://www.myweb.com

GET	/resources	Get all resources
GET	/resources/1	Get one resource with ID of 1
POST	/resources	Add a resource
PUT	/resources/1	Update the resource with ID of 1
DELETE	/resources/1	Delete the resource with ID of 1

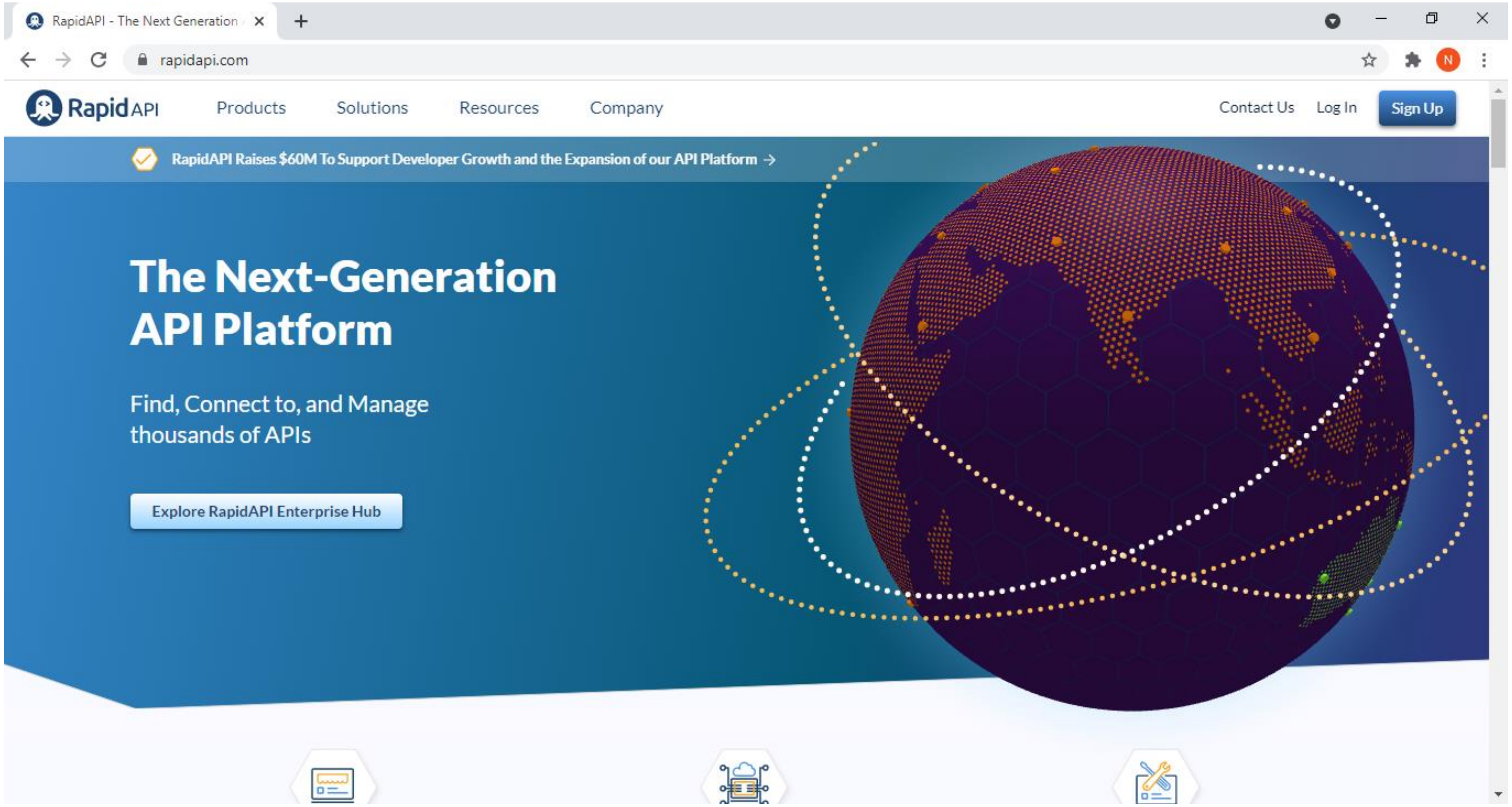
HTTP response status codes



https://developer.mozilla.org/en-US/docs/Web/HTTP/Status

- Informational responses (100–199)
- Successful responses (200–299)
  - 200 Success
  - 201 Created
  - 204 No Content
- Redirects (300–399)
  - 304 Not Modified
- Client errors (400–499)
  - 400 Bad Request
  - 401 Unauthorized
  - 404 Not Found
- Server errors (500–599)
  - 500 Internal Server Error

https://rapidapi.com/

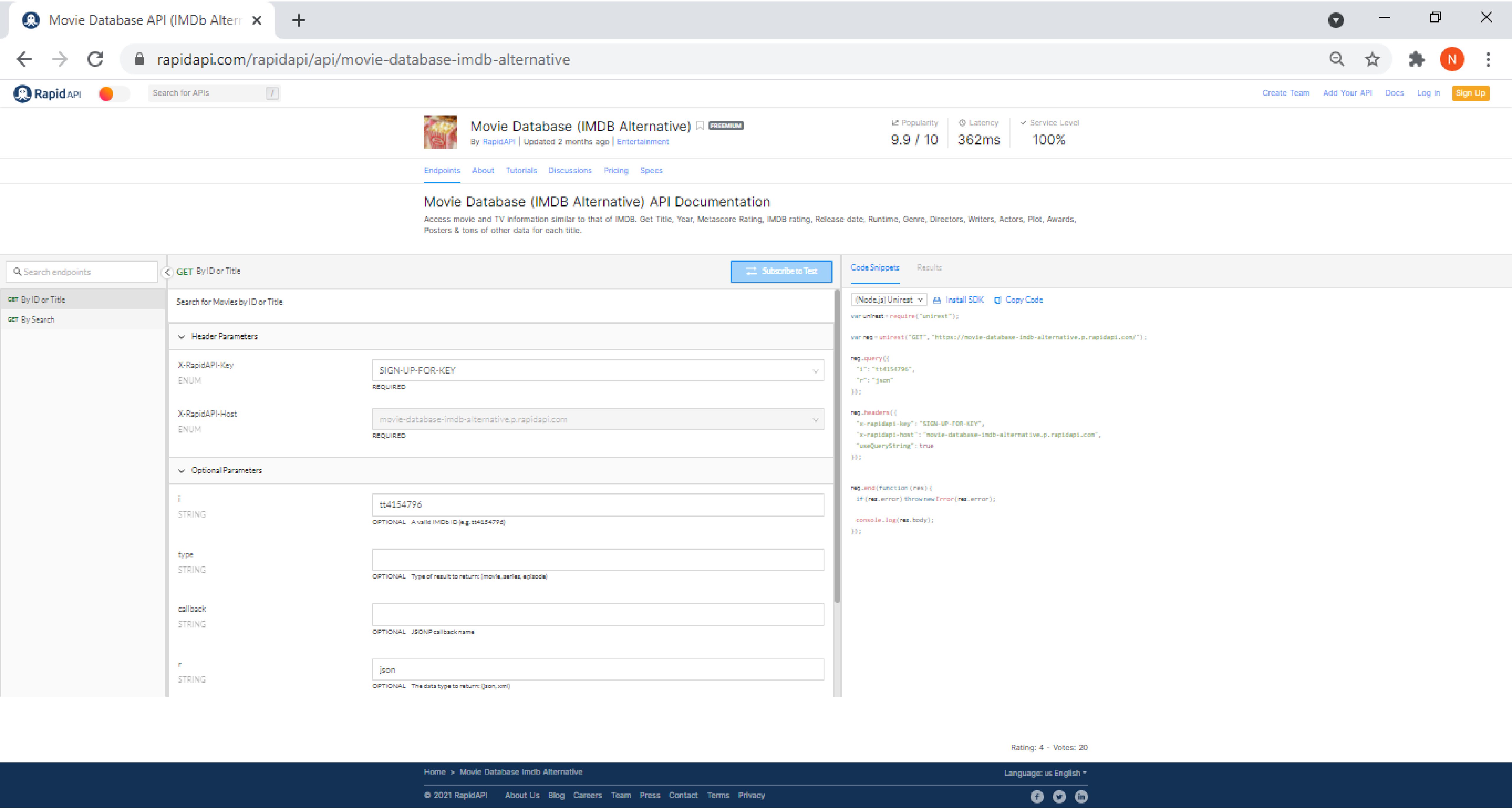


RapidAPI Raises $60M To Support Developer Growth and the Expansion of our API Platform →

The Next-Generation API Platform

Find, Connect to, and Manage thousands of APIs

Explore RapidAPI Enterprise Hub



Movie Database API (IMDb Alter ×

rapidapi.com/rapidapi/api/movie-database-imdb-alternative

Rapid API | Search for APIs | Create Team | Add Your API | Docs | Log In | Sign Up

Movie Database (IMDB Alternative) FREEMIUM

By RapidAPI | Updated 2 months ago | Entertainment

Popularity	Latency	Service Level
9.9 / 10	362ms	100%

Endpoints | About | Tutorials | Discussions | Pricing | Specs

Movie Database (IMDB Alternative) API Documentation

Access movie and TV information similar to that of IMDB. Get Title, Year, Metascore Rating, IMDB rating, Release date, Runtime, Genre, Directors, Writers, Actors, Plot, Awards, Posters & tons of other data for each title.

Search endpoints

GET By ID or Title

GET By Search

GET By ID or Title | Subscribe to Test

Search for Movies by ID or Title

Header Parameters

X-RapidAPI-Key ENUM	SIGN-UP-FOR-KEY REQUIRED
X-RapidAPI-Host ENUM	movie-database-imdb-alternative.p.rapidapi.com REQUIRED

Optional Parameters

i STRING	tt4154796 OPTIONAL A valid IMDb ID (e.g. tt4154796)
type STRING	OPTIONAL Type of result to return: (movie, series, episode)
callback STRING	OPTIONAL JSONP callback name
r STRING	json OPTIONAL The data type to return: (json, xml)

Code Snippets | Results

(Node.js) Unirest | Install SDK | Copy Code

```
var unirest = require("unirest");

var req = unirest("GET", "https://movie-database-imdb-alternative.p.rapidapi.com/");

req.query({
  "i": "tt4154796",
  "r": "json"
});

req.headers({
  "x-rapidapi-key": "SIGN-UP-FOR-KEY",
  "x-rapidapi-host": "movie-database-imdb-alternative.p.rapidapi.com",
  "useQueryString": true
});


req.end(function (res) {
  if (res.error) throw new Error(res.error);

  console.log(res.body);
});
```

Rating: 4 - Votes: 20

Home > Movie Database Imdb Alternative

Language: us English