

API Local Server

NUBE

ANGEL MARIANO JUNCO RUIZ
UNIVERSIDAD MARISTA DE GUADALAJARA |

Información General de la API

Marvel Comics API es de Servicio RESTful el cual nos provee con métodos para acceder varias URLs canónicas para poder buscar y filtrar varios criterios. Todo esta programado como JSON objects

Servicio Endpoint

La base endpoint es: `http(s)://gateway.marvel.com/`

Autenticación

Todas las peticiones de las APIs se deben de autenticar usando métodos resumidos en el área de peticiones y autenticaciones.

Packages

```
const express = require('express')
const axios = require('axios')
const morgan = require('morgan')
const { response } = require('express')
const token = 'a897364197a9891a4d07e3779d062fc3';
```

Express: Es una infraestructura de aplicaciones web Node.js mínima y flexible que proporciona un conjunto sólido de características para las aplicaciones web y móviles.

Axios: Nos permite hacer peticiones de tipo http desde node.js, soporta las promesas de las APIs, transforma los JSON a datos

Morgan: Es un middleware de registro de soluciones HTTP para node.js. Simplifica el proceso de registro de las solicitudes en la aplicación

Métodos GET

GET http://localhost:8080/Capitan Send

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

none form-data x-www-form-urlencoded raw binary GraphQL

This request does not have a body

Body Cookies Headers (7) Test Results Status: 200 OK Time: 1378 ms Size: 10.1 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
{"code": 200,
 "status": "Ok",
 "copyright": "© 2021 MARVEL",
 "attributionText": "Data provided by Marvel. © 2021 MARVEL",
 "attributionHTML": "<a href='\"http://marvel.com\">Data provided by Marvel. © 2021 MARVEL</a>",
 "etag": "c526e563be10503d1af1ee3c9fda596d72e403c5",
 "data": {
   "offset": 0,
   "limit": 20,
   "total": 1,
   "count": 1,
   "results": [
     {
       "id": 1009220,
       "name": "Captain America",
       "description": "Vowing to serve his country any way he could, young Steve Rogers took the super soldier serum to become America's one-man army. Fighting for the red, white and blue for over 60 years, Captain America is the living, breathing symbol of freedom and liberty."
     }
   ]
 }
```

GET http://localhost:8080/Iron Send

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

none form-data x-www-form-urlencoded raw binary GraphQL

This request does not have a body

Body Cookies Headers (7) Test Results Status: 200 OK Time: 502 ms Size: 10.37 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
{"code": 200,
 "status": "Ok",
 "copyright": "© 2021 MARVEL",
 "attributionText": "Data provided by Marvel. © 2021 MARVEL",
 "attributionHTML": "<a href='\"http://marvel.com\">Data provided by Marvel. © 2021 MARVEL</a>",
 "etag": "b9d6a0f1018d0b11720ace1fb07110eba46d0a5b",
 "data": {
   "offset": 0,
   "limit": 20,
   "total": 1,
   "count": 1,
   "results": [
     {
       "id": 1009360,
       "name": "Iron Man",
       "description": "Wounded, captured and forced to build a weapon by his enemies, billionaire industrialist Tony Stark instead created an advanced suit of armor to save his life and escape captivity. Now with a new outlook on life, Tony uses his money and intelligence to make the world a safer, better place as Iron Man."
     }
   ]
 }
```

GET http://localhost:8080/X-Men Send

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

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
-----	-------	-------------	-----	-----------

Body Cookies Headers (7) Test Results Status: 200 OK Time: 1546 ms Size: 90.77 KB Save Response

Pretty Raw Preview Visualize JSON

```
1  {
2    "code": 200,
3    "status": "Ok",
4    "copyright": "© 2021 MARVEL",
5    "attributionText": "Data provided by Marvel. © 2021 MARVEL",
6    "attributionHTML": "<a href='\"http://marvel.com\"'>Data provided by Marvel. © 2021 MARVEL</a>",
7    "etag": "34ab94a177c9884104b141012d22eda1473723c4",
8    "data": {
9      "offset": 0,
10     "limit": 20,
11     "total": 103,
12     "count": 20,
13     "results": [
14       {
15         "id": 23573,
16         "digitalId": 0,
17         "title": "Ultimate X-Men (2001) #100 (WHITE VARIANT)",
18         "issueNumber": 100,
19         "variantDescription": "WHITE VARIANT",
20         "description": "SERIES FINALE! Ultimatum tie-in!\r<br>Xavier's School for Gifted Students was a sanctuary for young mutants..
21         .but in the wake of Ultimatum, it's starting to look more like a graveyard. Don't miss this groundbreaking series' final
22         issue as the scattered X-Men pull together to stand united in the face of extinction!\r<br>Rated T+ ...$3.99\r<br>",
23         "modified": "2009-11-30T00:00:00-0500"
```

GET http://localhost:8080/GOTG Send

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

Body Cookies Headers (7) Test Results Status: 200 OK Time: 497 ms Size: 64.26 KB Save Response

Pretty Raw Preview Visualize JSON

```
1  {
2    "code": 200,
3    "status": "Ok",
4    "copyright": "© 2021 MARVEL",
5    "attributionText": "Data provided by Marvel. © 2021 MARVEL",
6    "attributionHTML": "<a href='\"http://marvel.com\"'>Data provided by Marvel. © 2021 MARVEL</a>",
7    "etag": "412b7e939f6c483932665813e81f6ac8c5ba2267",
8    "data": {
9      "offset": 0,
10     "limit": 20,
11     "total": 270,
12     "count": 20,
13     "results": [
14       {
15         "id": 96019,
16         "digitalId": 0,
17         "title": "Guardians of the Galaxy (2020) #17 (Variant)",
18         "issueNumber": 17,
19         "variantDescription": "Variant",
20         "description": null,
21         "modified": "2021-06-09T09:31:54-0400",
22         "isbn": "",
23         "upc": "75960609657201721",
24         "diamondCode": "JUN210710",
25         "ean": "",
26         "issn": "",
27         "format": "Comic".
```

```
1  {
2    "code": 200,
3    "status": "Ok",
4    "copyright": "© 2021 MARVEL",
5    "attributionText": "Data provided by Marvel. © 2021 MARVEL",
6    "attributionHTML": "<a href='\"http://marvel.com/\">Data provided by Marvel. © 2021 MARVEL</a>",
7    "etag": "bcd96ce877f985f2807c89b108eaf3123a6add54",
8    "data": {
9      "offset": 0,
10     "limit": 20,
11     "total": 1,
12     "count": 1,
13     "results": [
14       {
15         "id": 12958,
16         "firstName": "Balak",
17         "middleName": "",
18         "lastName": "",
19         "suffix": "",
20         "fullName": "Balak",
21         "modified": "2016-12-09T17:26:17-0500",
22         "thumbnail": {
23           "path": "http://i.annihil.us/u/prod/marvel/i/mg/b/40/image_not_available",
24           "extension": "jpg"
25         },
26         "resourceURI": "http://gateway.marvel.com/v1/public/creators/12958",
27         "comics": {
```

Character

attribute	type	description
id	int	The unique ID of the character resource.
name	string	The name of the character.
description	string	A short bio or description of the character.
modified	Date	The date the resource was most recently modified.
resourceURI	string	The canonical URL identifier for this resource.
urls	Array[Url]	A set of public web site URLs for the resource.

thumbnail	Image	The representative image for this character.
comics	ResourceList	A resource list containing comics which feature this character.
stories	ResourceList	A resource list of stories in which this character appears.
events	ResourceList	A resource list of events in which this character appears.
series	ResourceList	A resource list of series in which this character appears.

Comics:

attribute	type	description
id	int	The unique ID of the comic resource.
digitalId	int	The ID of the digital comic representation of this comic. Will be 0 if the comic is not available digitally.
title	string	The canonical title of the comic.
issueNumber	int	The number of the issue in the series (will generally be 0 for collection formats).

variantDescription	string	If the issue is a variant (e.g. an alternate cover, second printing, or director's cut), a text description of the variant.
description	string	The preferred description of the comic.
modified	Date	The date the resource was most recently modified.
isbn	string	The ISBN for the comic (generally only populated for collection formats).
upc	string	The UPC barcode number for the comic (generally only populated for periodical formats).
diamondCode	string	The Diamond code for the comic.
ean	string	The EAN barcode for the comic.
issn	string	The ISSN barcode for the comic.
format	string	The publication format of the comic e.g. comic, hardcover, trade paperback.
pageCount	int	The number of story pages in the comic.
textObjects	Array[TextObject]	A set of descriptive text blurbs for the comic.
resourceURI	string	The canonical URL identifier for this resource.

urls	Array[Url]	A set of public web site URLs for the resource.
series	SeriesSummary	A summary representation of the series to which this comic belongs.
variants	Array[ComicSummary]	A list of variant issues for this comic (includes the "original" issue if the current issue is a variant).
collections	Array[ComicSummary]	A list of collections which include this comic (will generally be empty if the comic's format is a collection).
collectedIssues	Array[ComicSummary]	A list of issues collected in this comic (will generally be empty for periodical formats such as "comic" or "magazine").
dates	Array[ComicDate]	A list of key dates for this comic.
prices	Array[ComicPrice]	A list of prices for this comic.
thumbnail	Image	The representative image for this comic.
images	Array[Image]	A list of promotional images associated with this comic.
creators	ResourceList	A resource list containing the creators associated with this comic.
characters	ResourceList	A resource list containing the characters which appear in this comic.

stories	ResourceList	A resource list containing the stories which appear in this comic.
events	ResourceList	A resource list containing the events in which this comic appears.

Creators:

attribute	type	description
id	int	The unique ID of the creator resource.
firstName	string	The first name of the creator.
middleName	string	The middle name of the creator.
lastName	string	The last name of the creator.
suffix	string	The suffix or honorific for the creator.
fullName	string	The full name of the creator (a space-separated concatenation of the above four fields).
modified	Date	The date the resource was most recently modified.
resourceURI	string	The canonical URL identifier for this resource.
urls	Array[Url]	A set of public web site URLs for the resource.

thumbnail	Image	The representative image for this creator.
series	ResourceList	A resource list containing the series which feature work by this creator.
stories	ResourceList	A resource list containing the stories which feature work by this creator.
comics	ResourceList	A resource list containing the comics which feature work by this creator.
events	ResourceList	A resource list containing the events which feature work by this creator.

Métodos Post

POST <http://localhost:8080/characters>

Params Authorization ● Headers (10) Body ● Pre-request Script Tests Settings

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize JSON

```

1  {
2    "etag": "79ef3436d0dc139b17693635b99776556e29f495"
3  }

```

POST <http://localhost:8080/comics>

Params Authorization ● Headers (10) Body ● Pre-request Script Tests Settings

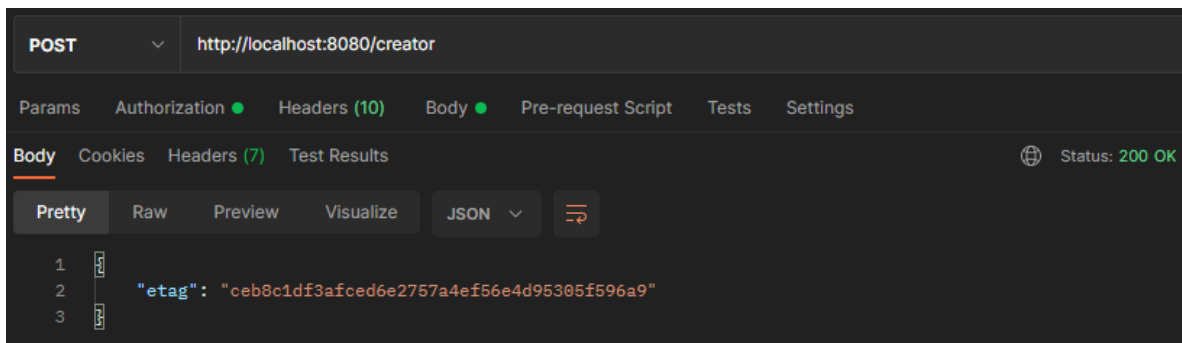
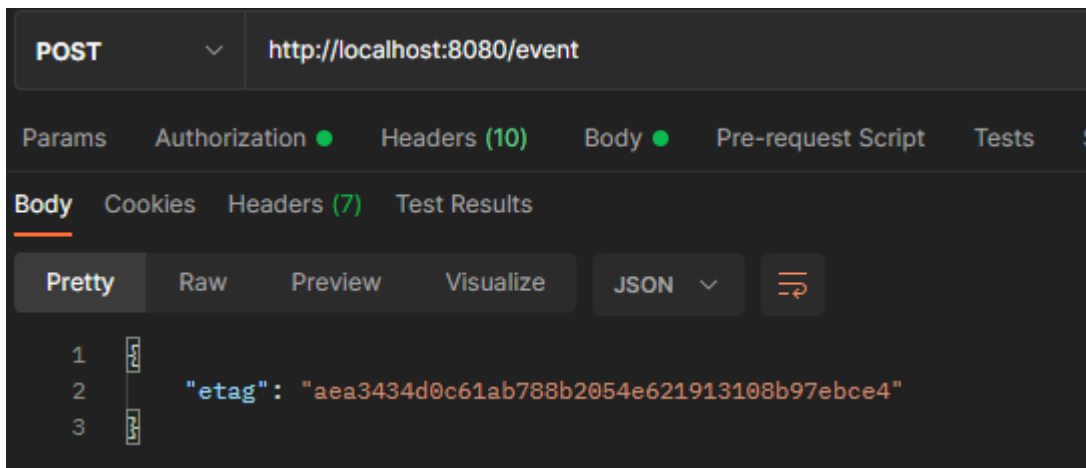
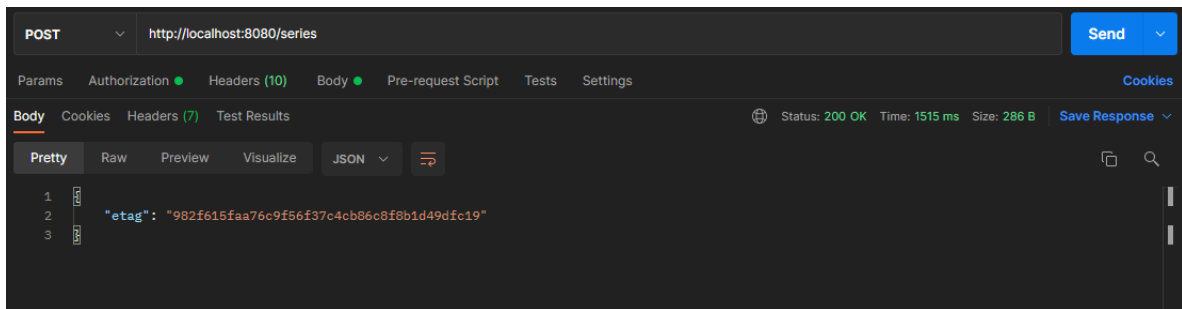
Body Cookies Headers (7) Test Results Status: 200 OK Time: 609 ms Size: 286 B

Pretty Raw Preview Visualize JSON

```

1  {
2    "etag": "79ef3436d0dc139b17693635b99776556e29f495"
3  }

```



Parameter	Type	Description
etag	string	A digest value of the content returned by the call.

Biografia:

<https://developer.marvel.com/documentation/generalinfo>