

API REST sobre criptomonedas(test POSTMAN)

GET criptoc/ → devuelve las 50 primeras criptomonedas de la BD en formato Json

The screenshot shows a Postman interface with a GET request to `https://localhost/servidor/tema7/criptomonedasapi/criptoc`. The response is displayed in the 'Body' tab, formatted as JSON. The response is an array of 50 objects. The first two objects are:

```
1  [
2    {
3      "_id": {
4        "$oid": "6002ffe7599a30131c45bf5c"
5      },
6      "id": 1,
7      "nombre": "Bitcoin",
8      "simbolo": "BTC",
9      "descripcion": "Bitcoin has become a hot commodity among speculators",
10     "precio": 36826,
11     "porcentaje": -2.18,
12     "capitalizacion": 690750000000
13   },
14   {
15     "_id": {
16       "$oid": "6002ffe7599a30131c45bf5d"
17     },
18     "id": 2,
19     "nombre": "Ethereum",
20     "simbolo": "ETH",
21     "descripcion": "Ethereum is the most actively used blockchain",
22     "precio": 1226.4,
23     "porcentaje": 2.48,
24     "capitalizacion": 140950000000
```

PUT criptoc/id/<id> → modifica una criptomoneda de la BD. Se añadirá en el Body en formato raw un JSON con todos los campos de la criptomoneda.


PUT ▼ https://localhost/servidor/tema7/criptomonedasapi/criptoc/id/1

Params Authorization Headers (8) **Body ●** Pre-request Script Tests Settings

● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **Text ▼**

```
1 {
2   "nombre": "NewBitcoin",
3   "simbolo": "BTC",
4   "descripcion": "NewBitcoin has updated by Bilal Bejja",
5   "precio": 1,
6   "porcentaje": -99.99,
7   "capitalizacion": 100000000
8 }
```

Body **Cookies** Headers (7) Test Results

Pretty Raw Preview Visualize JSON ▼ 






```
1 {
2   "status_message": "Updated 1 document\n",
3   "success": true,
4   "status_code": 1
5 }
```

en la base de datos

criptomonedas.criptomonedas DOCUM

Documents Aggregations Schema Explain Plan

1 FILTER

 **ADD DATA ▼**  **VIEW**   

> `>` `_id: ObjectId("6002ffe7599a30131c45bf5c")`
`id: 1`
`nombre: "NewBitcoin"`
`simbolo: "BTC"`
`descripcion: "NewBitcoin has updated by Bilal Bejja"`
`precio: 1`
`porcentaje: -99.99`
`capitalizacion: 100000000`

PUT criptoc/up/id/<id> → sube en 0.1 el valor de una criptomoneda

PUT ▼ https://localhost/servidor/tema7/criptomonedasapi/criptoc/up/id/1

Params Authorization Headers (8) Body ● Pre-request Script Tests

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize JSON ▼

```
1 {
2   "status_message": "Updated 1 document\n",
3   "success": true,
4   "status_code": 1
5 }
```

en la BD

CRUD DATA

>

```
_id: ObjectId("6002ffe7599a30131c45bf5c")
id: 1
nombre: "NewBitcoin"
simbolo: "BTC"
descripcion: "NewBitcoin has updated by Bilal Bejja"
precio: 1.1
porcentaje: -99.99
capitalizacion: 100000000
```

+ 0.1

PUT criptoc/down/id/<id> → baja en 0.1 el valor de una criptomoneda

PUT ▼ https://localhost/servidor/tema7/criptomonedasapi/criptoc/down/id/1

Params Authorization Headers (8) Body ● Pre-request Script Tests

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize JSON ▼

```
1 {
2   "status_message": "Updated 1 document\n",
3   "success": true,
4   "status_code": 1
5 }
```

en la BD

```
_id: ObjectId("6002ffe7599a30131c45bf5c")
id: 1
nombre: "NewBitcoin"
simbolo: "BTC"
descripcion: "NewBitcoin has updated by Bilal Bejja"
precio: 1
porcentaje: -99.99
capitalizacion: 100000000
```

-01

POST criptoc/ → añade una nueva criptomoneda a la BD. Se incluirán inputs por cada atributo de la criptomoneda

POST <https://localhost/servidor/tema7/criptomonedasapi/criptoc>

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **Text**

```
1 {
2   "nombre": "Binance Coin",
3   "simbolo": "BNB",
4   "descripcion": "",
5   "precio": 43.453,
6   "porcentaje": 5.99,
7   "capitalizacion": 614000000
8 }
```

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_message": "Created 1 document\n",
3   "success": true,
4   "status_code": 1
5 }
```

en la base de datos

ADD DATA VIEW {}

capitalizacion: 9280000000

Displaying docun

```

_id: ObjectId("6002ffe7599a30131c45bf64")
id: 9
nombre: "Chainlink"
simbolo: "LINK"
descripcion: "Chainlink is seeking to support all blockchain-based smart contract ne..."
precio: 22.23
porcentaje: 7.77
capitalizacion: 8800000000

```

```

_id: ObjectId("6002ffe7599a30131c45bf65")
id: 10
nombre: "Stellar"
simbolo: "XLM"
descripcion: "Stellar has its native cryptocurrency called lumens, which is denoted ..."
precio: 0.30205
porcentaje: 1.23
capitalizacion: 6650000000

```

```

_id: ObjectId("60030368977e000065004643")
id: 11
nombre: "Binance Coin"
simbolo: "BNB"
descripcion: ""
precio: 43.453
porcentaje: 5.99
capitalizacion: 6140000000

```

GET criptoc/topvalue → muestra las primeras 10 criptomonedas ordenadas por mayor precio en euros

GET https://localhost/servidor/tema7/criptomonedasapi/criptoc/topvalue

Params Authorization Headers (8) Body ● Pre-request Script Tests Settings

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize JSON

```

99  {
100    "_id": {
101      "$oid": "6002ffe7599a30131c45bf61"
102    },
103    "id": 6,
104    "nombre": "Cardano",
105    "simbolo": "ADA",
106    "descripcion": "Cardano's internal cryptocurrency is called Ada",
107    "precio": 0.34979,
108    "porcentaje": 8.47,
109    "capitalizacion": 10920000000
110  },
111  {
112    "_id": {
113      "$oid": "6002ffe7599a30131c45bf65"
114    },
115    "id": 10,
116    "nombre": "Stellar",
117    "simbolo": "XLM",
118    "descripcion": "Stellar has its native cryptocurrency called lumens, which is denoted by the symbol XLM",
119    "precio": 0.30205,
120    "porcentaje": 1.23,
121    "capitalizacion": 6650000000
122  }


```

GET criptoc/id/<id> → muestra en formato Json la criptomoneda con el id dado

GET ▼ https://localhost/servidor/tema7/criptomonedasapi/criptoc/id/6

Params Authorization Headers (8) Body ● Pre-request Script Tests Settings

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize JSON ▼ 


```
1 {
2   "_id": {
3     "$oid": "6002ffe7599a30131c45bf61"
4   },
5   "id": 6,
6   "nombre": "Cardano",
7   "simbolo": "ADA",
8   "descripcion": "Cardano's internal cryptocurrency is called Ada",
9   "precio": 0.34979,
10  "porcentaje": 8.47,
11  "capitalizacion": 10920000000
12 }
```

DELETE criptoc/id/<id> → borra la criptomoneda con ese id

DELETE ▼ https://localhost/servidor/tema7/criptomonedasapi/criptoc/id/11

Params Authorization Headers (8) Body ● Pre-request Script Tests

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize JSON ▼ 

```
1 {
2   "status_message": "Deleted 1 document(s)\n",
3   "success": true,
4   "status_code": 1
5 }
```

comprobamos que ya se ha borrado de la BD

ADD DATA



VIEW



Displaying documents 1 - 10 of 10



REFRESH

capitalizacion: 9790000000

```
_id: ObjectId("6002ffe7599a30131c45bf63")
id: 8
nombre: "Bitcoin Cash"
simbolo: "BCH"
descripcion: "Bitcoin Cash increased the size of blocks, allowing more transactions ..."
precio: 500.3
porcentaje: 0.57
capitalizacion: 9280000000
```



```
_id: ObjectId("6002ffe7599a30131c45bf64")
id: 9
nombre: "Chainlink"
simbolo: "LINK"
descripcion: "Chainlink is seeking to support all blockchain-based smart contract ne..."
precio: 22.23
porcentaje: 7.77
capitalizacion: 8800000000
```



```
_id: ObjectId("6002ffe7599a30131c45bf65")
id: 10
nombre: "Stellar"
simbolo: "XLM"
descripcion: "Stellar has its native cryptocurrency called lumens, which is denoted ..."
precio: 0.30205
porcentaje: 1.23
capitalizacion: 6650000000
```