



Bitcoin API

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Chapter 1. Overview

A rest API with Spring Boot 2!

1.1. Version information

Version : 0.1

1.2. URI scheme

1.3. Tags

- bitcoin-api-controller : Bitcoin API Controller

Chapter 2. Resources

2.1. Bitcoin-api-controller

Bitcoin API Controller

2.1.1. getJson

```
GET /exercicie1/json
```

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/exercicie1/json
```

Example HTTP response

Response 200

```
"string"
```

2.1.2. purchaseAverage

```
GET /exercicie2/purchase-average
```

Responses

HTTP Code	Description	Schema
200	OK	number (double)
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/exercicie2/purchase-average
```

Example HTTP response

Response 200

```
0.0
```

2.1.3. purchaseDeviation

```
GET /exercicie2/purchase-deviation
```

Responses

HTTP Code	Description	Schema
200	OK	number (double)
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/exercicie2/purchase-deviation
```

Example HTTP response

Response 200

```
0.0
```

2.1.4. purchaseMedian

GET /exercicie2/purchase-median

Responses

HTTP Code	Description	Schema
200	OK	number (double)
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/exercicie2/purchase-median

Example HTTP response

Response 200

0.0

2.1.5. salesAverage

GET /exercicie2/sales-average

Responses

HTTP Code	Description	Schema
200	OK	number (double)
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/exercicie2/sales-average
```

Example HTTP response

Response 200

```
0.0
```

2.1.6. salesDeviation

```
GET /exercicie2/sales-deviation
```

Responses

HTTP Code	Description	Schema
200	OK	number (double)
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/exercicie2/sales-deviation
```

Example HTTP response

Response 200

```
0.0
```

2.1.7. salesMedian

```
GET /exercicie2/sales-median
```

Responses

HTTP Code	Description	Schema
200	OK	number (double)
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/exercicie2/sales-median
```

Example HTTP response

Response 200

```
0.0
```

2.1.8. top5Purchase

```
GET /exercicie2/top-5-purchase
```

Responses

HTTP Code	Description	Schema
200	OK	< number (double) > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/exercicie2/top-5-purchase
```


Example HTTP response

Response 200

```
[ 0.0 ]
```

2.1.9. top5Sales

```
GET /exercicie2/top-5-sales
```

Responses

HTTP Code	Description	Schema
200	OK	< number (double) > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/exercicie2/top-5-sales
```

Example HTTP response

Response 200

```
[ 0.0 ]
```

2.1.10. buyTransfers

```
GET /extra/buy-prices
```

Responses

HTTP Code	Description	Schema
200	OK	< number (double) > array

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/extra/buy-prices
```

Example HTTP response

Response 200

```
[ 0.0 ]
```

2.1.11. transfersPricesOfSell

```
GET /extra/sell-prices
```

Responses

HTTP Code	Description	Schema
200	OK	< number (double) > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/extra/sell-prices
```

Example HTTP response

Response 200

[0.0]

2.1.12. transfers

GET /extra/transfers

Responses

HTTP Code	Description	Schema
200	OK	< MercadoBitcoinDT O > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/extra/transfers

Example HTTP response

Response 200

```
[ {  
  "amount" : 0.0,  
  "date" : "string",  
  "price" : 0.0,  
  "tid" : 0,  
  "type" : "string"  
} ]
```

Chapter 3. Definitions

3.1. MercadoBitcoinDTO

Name	Description	Schema
amount <i>optional</i>	Example : 0.0	number (double)
date <i>optional</i>	Example : "string"	string (date-time)
price <i>optional</i>	Example : 0.0	number (double)
tid <i>optional</i>	Example : 0	integer (int32)
type <i>optional</i>	Example : "string"	string