

/currency route

1. **GET /currency/AllCurrency :**

get all available currencies

- *response body :*

```
{
  "AED": "United Arab Emirates Dirham",
  "AFN": "Afghan Afghani",
  "ALL": "Albanian Lek",
  "AMD": "Armenian Dram",
  "ANG": "Netherlands Antillean Guilder",
  "AOA": "Angolan Kwanza",
  "ARS": "Argentine Peso",
  "AUD": "Australian Dollar",
  "AWG": "Aruban Florin",
  "AZN": "Azerbaijani Manat",
  "BAM": "Bosnia-Herzegovina Convertible Mark",
  ...
}
```

/cryptos route

1. GET /cryptos/ :

Recovers all cryptocurrencies with the latest market values according to the user's credentials

- response body :

```
[
  {
    "code": "1ST",
    "name": "FirstBlood",
    "ico_url": "/media/351524/1st.png",
    "current_price": 0.0886255635,
    "highest_price": 0.1139892855,
    "lowest_price": 0.0886255635,
    "opening_price": 0.10912299,
    "created_at": "2020-12-10T17:01:21.000Z",
    "updated_at": "2020-12-11T09:05:03.399Z",
    "id": 4
  },
  {
    "code": "BTC",
    "name": "Bitcoin",
    "ico_url": "/media/19633/btc.png",
    "current_price": 14746.29,
    "highest_price": 15205.21,
    "lowest_price": 14596.85,
    "opening_price": 15096.82,
    "created_at": "2020-12-11T08:31:11.000Z",
    "updated_at": "2020-12-11T09:05:03.291Z",
    "id": 5
  }
]
```

2. GET /cryptos/{cryptoid}

get one crypto by crypto id with the last markets data
the user must be connected to get the data

- response body :

```
{
  "code": "1ST",
  "name": "FirstBlood",
  "ico_url": "/media/351524/1st.png",
  "highest_price": 0.1163,
  "lowest_price": 0.1163,
  "opening_price": 0.1189,
  "created_at": "2020-12-10T17:01:21.000Z",
  "updated_at": "2020-12-10T17:01:21.000Z",
  "id": 4,
  "updated_at": "2020-12-11T09:07:57.006Z"
}
```

3. GET /cryptos:{cryptoid}

get cryptos by ids with the last market data

Parameter	Type	Description
cryptoid	String	cryptocurrency ids in list form

- response body :

```
[
  {
    "code": "1ST",
    "name": "FirstBlood",
    "ico_url": "/media/351524/1st.png",
    "current_price": 0.0884111267,
    "highest_price": 0.1137134791,
    "lowest_price": 0.0884111267,
    "opening_price": 0.108858958,
    "created_at": "2020-12-10T17:01:21.000Z",
    "updated_at": "2020-12-11T09:40:41.533Z",
    "id": 4
  }
]
```

4 . POST /cryptos

Post a crypto on the crypto usable list

Parameter	Type	Description
symbol	String	The Crypto symbol like "BTC" or "ETH"

- data body

```
{
  "symbol": "BTC"
}
```

- response body :

```
[
  {
    "code": "BTC",
    "name": "Bitcoin",
    "ico_url": "/media/19633/btc.png",
    "created_at": "2020-12-11T09:50:21.582Z",
    "updated_at": "2020-12-11T09:50:21.582Z",
    "id": 6
  },
  true
]
```

5 DELETE /cryptos/{cryptoid}

Delete a cryptocurrency from an id of the user list on the application

The logged in user must have the administrator role to perform this method

- response body :

```
{
  "count": 1
}
```

6 GET /cryptos/{cryptoid}/history/{period}

Get open, high, low, close prices from the daily/hourly/minute historical data with current user currency.

last 48h for hourly

last 60 days for daily

last 120 minutes for minute

Parameter	Type	Description
<code>cryptoId</code>	Number	id of the crypto
<code>period</code>	String	hourly / daily / minute

- response body :

```
{
  "Response": "Success",
  "Message": "",
  "HasWarning": false,
  "Type": 100,
  "RateLimit": {},
  "Data": {
    "Aggregated": false,
    "TimeFrom": 1602460800,
    "TimeTo": 1607644800,
    "Data": [
      {
        "time": 1602460800,
        "high": 9917.26,
        "low": 9523.94,
        "open": 9625.73,
        "volumefrom": 10600.57,
        "volumeto": 102862629.03,
        "close": 9761.38,
        "conversionType": "direct",
        "conversionSymbol": ""
      },
      {
        "time": 1602547200,
        "high": 9807.25,
        "low": 9643.71,
        "open": 9761.38,
        "volumefrom": 8178.6,
        "volumeto": 79574170.6,
        "close": 9736.93,
        "conversionType": "direct",
        "conversionSymbol": ""
      }
    ]
  }
}
```

```
..  
}
```

6 GET /cryptos/{cryptoid}/history/{period}/currency}

Same as **GET /cryptos/{cryptoid}/history/{period}** with a currency filter

Parameter	Type	Description
<code>cryptoId</code>	Number	id of the crypto
<code>period</code>	String	hourly / daily / minute
<code>currency</code>	String	EUR/USD etc

- response body :

```
{  
  "Response": "Success",  
  "Message": "",  
  "HasWarning": false,  
  "Type": 100,  
  "RateLimit": {},  
  "Data": {  
    "Aggregated": false,  
    "TimeFrom": 1602460800,  
    "TimeTo": 1607644800,  
    "Data": [  
      {  
        "time": 1602460800,  
        "high": 9917.26,  
        "low": 9523.94,  
        "open": 9625.73,  
        "volumefrom": 10600.57,  
        "volumeto": 102862629.03,  
        "close": 9761.38,  
        "conversionType": "direct",  
        "conversionSymbol": ""  
      },  
      {  
        "time": 1602547200,  
        "high": 9807.25,  
        "low": 9643.71,  
        "open": 9761.38,  
        "volumefrom": 8178.6,  
        "volumeto": 79574170.6,  
        "close": 9736.93,  
        "conversionType": "direct",  
        "conversionSymbol": ""  
      },  
      ..  
    ]  
  }  
}
```

/articles route

1. GET /articles/{articleId}

Get an article by ID

Parameter	Type	Description
<code>articleId</code>	Number	id of the article

response body :

```
{
  "title": "New York Attorney General Says Bitfinex, Tether Could Complete Loan Document Handover in 'Weeks'",
  "url": "https://www.coindesk.com/nyag-tether-bitfinex-loan-documents-coming-weeks",
  "image_url": "https://cdn.pixabay.com/photo/2013/07/12/19/16/newspaper-154444_480.png",
  "summary": null,
  "date": "2020-12-11T09:10:56.000Z",
  "source": null,
  "keywords": [
    1,
    2,
    3
  ],
  "id": 183
}
```

2. GET /articles?keywords=[i,j,...]

If user is connected, return articles that have asked keywords id, else return the X newest articles (X set by admin)

Parameter	Type	Description
<code>[i,j,...]</code>	Array of Number	array of keywords id

response body :

```
{
  {
    "title": "New York Attorney General Says Bitfinex, Tether Could Complete Loan Document Handover in 'Weeks'",
    "url": "https://www.coindesk.com/nyag-tether-bitfinex-loan-documents-coming-weeks",
    "image_url": "https://cdn.pixabay.com/photo/2013/07/12/19/16/newspaper-154444_480.png",
    "summary": null,
    "date": "2020-12-11T09:10:56.000Z",
    "source": null,
    "keywords": [
      1,
      2,
      3
    ],
    "id": 183
  },
  {
    "title": "$76M Ether Fund Makes 'World First' IPO on Canadian Stock Exchange",
    "url": "https://www.coindesk.com/ether-fund-ipo-3iq-tsx",
    "image_url": "https://cdn.pixabay.com/photo/2017/01/25/12/31/bitcoin-2007769_480.jpg",
    "summary": null,
    "date": "2020-12-11T08:40:03.000Z",
    "source": null,
    "keywords": [
      1,
      2
    ]
  }
}
```

3. GET /articles/createFromRSS

On application starting, the front will send a request to the API on this endpoint, starting a cron that create new articles from RSS feeds.