Crypto Currency Rate API Documentation

Overview

This API provides access to real-time and historical cryptocurrency data, including updates every 30 seconds, recent and past data, sequential quotes for specific periods, and response formats in JSON or XML.

Authentication

Authentication is not required to access public endpoints.

Endpoints

1. Currencies Updates (Every 30 seconds) - `GET: /last/:moedas`

Request Parameters:

moedas (String): Comma-separated list of currency codes

Response Parameters:

success: A boolean indicating if the request was successful. **rates:** An object containing the exchange rate details for the requested currencies. **USD_BRL:** An object containing the exchange rate details for the USD to BRL pair. **code:** The code of the base currency. **codein:** The code of the target currency. **name:** The name of the currency pair. **high:** The highest exchange rate for the day. **low:** The lowest exchange rate for the day. **varBid:** The variation in the bid price. **pctChange:** The percentage change in the exchange rate. **bid:** The bid price (the price at which buyers are willing to purchase the currency). **ask:** The ask price (the price at which sellers are willing to sell the currency). **timestamp:** The Unix timestamp of the rate retrieval. **create_date:** The date and time when the exchange rate information was created (in "YYYY-MM-DD HH:MM " format).

2. Currencies last few days data - `GET: /daily/:moeda/:numero_dias`

Request Parameters:

moedas (String): Currency codes symbol. **numero_dias (integer, required):** The number of days over which to retrieve the exchange rate data.

Response Parameters:

success: A boolean indicating if the request was successful. **rates:** An object containing the exchange rate details. **code:** The code of the base currency. **codein:**

The code of the target currency. **name:** The name of the currency pair . **high:** The highest exchange rate for the specified period. **low:** The lowest exchange rate for the specified period. **varBid:** The variation in the bid price. **pctChange:** The percentage change in the exchange rate. **bid:** The bid price (the price at which buyers are willing to purchase the currency). **ask:** The ask price (the price at which sellers are willing to sell the currency). **timestamp:** The Unix timestamp of the rate retrieval. **create_date:** The date and time when the exchange rate information was created (in "YYYY-MM-DD HH:MM" format).

3. The closing of a specific period - `GET:`
   `json/daily/:moeda?start_date=YYYYMMDD&end_date=YYYYMMDD`

Query Parameters

start_date: Start date of results in YYYYMMDD format **end_date** Deadline for results in YYYYMMDD format

Request Parameters:

moedas (String): Currency codes symbol.

Response Parameters:

code: The code of the base currency. **codein:** The code of the target currency. **name:** The name of the currency pair . **high:** The highest exchange rate for the specified period. **low:** The lowest exchange rate for the specified period. **varBid:** The variation in the bid price. **pctChange:** The percentage change in the exchange rate. **bid:** The bid price (the price at which buyers are willing to purchase the currency). **ask:** The ask price (the price at which sellers are willing to sell the currency). **timestamp:** The Unix timestamp of the rate retrieval. **create_date:** The date and time when the exchange rate information was created (in "YYYY-MM-DD HH:MM" format).

4. Sequential quotes for a single currency - `GET: /:moeda/:quantidade`

Request Parameters:

moedas (String): Currency codes symbol. **quantidade(Number):** Number of results to return.

Response Parameters:

code: The code of the base currency. **codein:** The code of the target currency. **name:** The name of the currency pair . **high:** The highest exchange rate for the specified period. **low:** The lowest exchange rate for the specified period. **varBid:** The variation in the bid price. **pctChange:** The percentage change in the exchange rate. **bid:** The bid price (the price at which buyers are willing to purchase the

currency). **ask:** The ask price (the price at which sellers are willing to sell the currency). **timestamp:** The Unix timestamp of the rate retrieval. **create_date:** The date and time when the exchange rate information was created (in "YYYY-MM-DD HH:MM" format).

5. Sequential quotes for a specific period - `GET:` `/:moeda/:quantidade?start_date=YYYYMMDD&end_date=YYYYMMDD`

Query Parameters

start_date: Start date of results in YYYYMMDD format **end_date** Deadline for results in YYYYMMDD format

Request Parameters:

moedas (String): Currency codes symbol. **quantidade(Number):** Number of results to return.

Response Parameters:

code: The code of the base currency. **codein:** The code of the target currency. **name:** The name of the currency pair . **high:** The highest exchange rate for the specified period. **low:** The lowest exchange rate for the specified period. **varBid:** The variation in the bid price. **pctChange:** The percentage change in the exchange rate. **bid:** The bid price (the price at which buyers are willing to purchase the currency). **ask:** The ask price (the price at which sellers are willing to sell the currency). **timestamp:** The Unix timestamp of the rate retrieval. **create_date:** The date and time when the exchange rate information was created (in "YYYY-MM-DD HH:MM" format).

6. Response format - `GET: /:format/:moeda`

Request Parameters:

format(string):JSON (default & preferred) and XML **moedas (String)**: Currency codes symbol.

Response Parameters:

code: The code of the base currency. **codein:** The code of the target currency. **name:** The name of the currency pair . **high:** The highest exchange rate for the specified period. **low:** The lowest exchange rate for the specified period. **varBid:** The variation in the bid price. **pctChange:** The percentage change in the exchange rate. **bid:** The bid price (the price at which buyers are willing to purchase the currency). **ask:** The ask price (the price at which sellers are willing to sell the currency). **timestamp:** The Unix timestamp of the rate retrieval. **create_date:** The

date and time when the exchange rate information was created (in "YYYY-MM-DD HH:MM" format).

Conclusion

Our Crypto Currency Rate API is designed to empower developers and businesses by providing seamless integration of real-time and historical cryptocurrency data into their applications and systems. With updates every 30 seconds, our API delivers the most current exchange rates, along with access to historical data for comprehensive trend analysis. The ability to retrieve sequential quotes and closing rates for specific periods allows for detailed performance tracking and reporting. Supporting multiple response formats, including JSON and XML, our API ensures easy integration and compatibility with your existing systems, helping you stay ahead in the fast-paced world of cryptocurrency.