

Cryptocurrency API for Developers

Coinlore offers a public and free cryptocurrency API for developers and research projects and so on. Our API is open and doesn't require registration, providing reliable and independent data for over 12,000 crypto coins and more than 300 crypto exchanges.

Notably, our API has earned the recognition of being ranked as the #1 API for crypto by multiple reputable metric providers, measuring various factors like performance, uptime, latency, and more.

Enjoy the flexibility of our crypto API endpoints, which do not impose rate limits. However, for optimal performance, we recommend making one request per second. Access our API seamlessly through api.coinlore.net.

Below is the list of currently supported API endpoints, covering a wide range of data, including real-time prices, historical trends, and market analytics. We are committed to expanding our data coverage and enhancing our platform continuously to provide more valuable insights to our users.

For any inquiries or feedback, please don't hesitate to contact us at contact@coinlore.com.

Crypto API Endpoints

API Endpoint	Description
/api/global/	Get global crypto statistics, including the total count of coins, overall market capitalization, BTC dominance, total trading volume, ATH market capitalization, and more
/api/tickers/	Retrieve tick data for multiple crypto coins, sorted by market cap. The data includes details such as name, ID, symbol, price, price change, market cap, volume, and supply for each ticker.
/api/ticker/{ID}	Retrieve tick data for specific coin, you should pass ID which will be given by /api/tickers/ endpoint, data includes details such as name, ID, symbol, price, price change, market cap, volume, and supply for each ticker.
/api/coin/markets/?id={ID}	Retrieve top 50 exchanges and markets for specific coin.
/api/exchanges/	Get all exchanges which is listed on our platform.
/api/exchange/?id={ID}	Get specific exchange using ID from /api/exchanges/ endpoint, returns exchange info and top 100 pairs.
/api/coin/social_stats/?id={ID}	Social stats, data from twitter and reddit for specific coin.

API Endpoint Documentation

Global Crypto Data

- **Request Method:** GET
- **Description:** Information about the crypto market
- **Request URL:** <https://api.coinlore.net/api/global/>
- **Response:**

```
[
  {
    "coins_count": 12189,
    "active_markets": 30608,
    "total_mcap": 1670518625657.5752,
    "total_volume": 66208624211.89846,
    "btc_d": "50.55",
    "eth_d": "16.88",
    "mcap_change": "0.47",
    "volume_change": "-25.82",
    "avg_change_percent": "0.21",
    "volume_ath": 344187126292427800,
    "mcap_ath": 8237181118976.519
  }
]
```

coins_count	Total number of coins avilable on our platform.
active_markets	Total cryptocurrency exchange pairs (markets) which is tracked on coinlore.
total_mcap	Total crypto market cap, sum of all coins mcap.



total_volume	Total trading volume for last 24h, sum of 24h volume for all crypto coins.
btc_d	Dominance of bitcoin mcap
eth_d	Dominance of ethereum mcap
mcap_change	How mcap changed for last 24h
volume_change	How trading volume changed for last 24h
avg_change_percent	On average how prices has been changed
volume_ath	ATH total trading volume
mcap_ath	ATH total marketcap

Tickers (All coins)

- **Request Method:** GET
- **Description:** Get data for all coins. The maximum result is 100 coins per request. You should use start and limit
- **Request URL:** <https://api.coinlore.net/api/tickers/> (First 100 Coins)
- **Request URL:** <https://api.coinlore.net/api/tickers/?start=100&limit=100>
- **Request URL:** <https://api.coinlore.net/api/tickers/?start=200&limit=100>
- **Response:**

```
{
  "data": [
    {
      "id": "90",
      "symbol": "BTC",
      "name": "Bitcoin",
      "nameid": "bitcoin",
      "rank": 1,
      "price_usd": "6456.52",
      "percent_change_24h": "-1.47",
      "percent_change_1h": "0.05",
      "percent_change_7d": "-1.07",
      "price_btc": "1.00",
      "market_cap_usd": "111586042785.56",
      "volume24": 3997655362.9586277,
      "volume24a": 3657294860.710187,
      "csupply": "17282687.00",
      "tsupply": "17282687",
      "msupply": "21000000"
    },
    "info": {
      "coins_num": 1969,
      "time": 1538560355
    }
  ]
}
```

data ⇒ id	ID of cryptocurrency
data ⇒ symbol	Cryptocurrency Ticker symbol
data ⇒ nameid	Name slug
data ⇒ name	Full name of crypto coin
data ⇒ rank	Rank by marketcap
data ⇒ price_usd	Price in USD currency
data ⇒ percent_change_24h	Price change in percent for last 24h
data ⇒ percent_change_1h	Price change in percent for last 1h
data ⇒ percent_change_7d	Price change in percent for last 7 days



data ⇒ price_btc	How much coin costs in BTC
data ⇒ market_cap_usd	Coin marketcap in USD
data ⇒ volume24	Trading volume of coin for last 24h in USD
data ⇒ volume24a	How many coins has been traded
data ⇒ csupply	Circulating Supply
data ⇒ tsupply	Total Supply
data ⇒ msupply	Maximum Supply
info ⇒ coins_num	Total available coins, can be used to loop through all coins as maximum limit of tickers endpoint is 100 coins.
info ⇒ 1538560355	Timestamp

Ticker (Specific Coin)

- **Request Method:** GET
- **Description:** To get information for a specific coin, you should pass coin id (You should use the id from the tickers endpoint)
- **Request URL:** <https://api.coinlore.net/api/ticker/?id=90> (BTC)
- **Request URL:** <https://api.coinlore.net/api/ticker/?id=80> (ETH)
- **Multiple coins:** <https://api.coinlore.net/api/ticker/?id=90,80> (BTC and ETH)
- **Response:**

```
[
  {
    "id": "90",
    "symbol": "BTC",
    "name": "Bitcoin",
    "nameid": "bitcoin",
    "rank": 1,
    "price_usd": "6465.26",
    "percent_change_24h": "-1.27",
    "percent_change_1h": "0.19",
    "percent_change_7d": "-0.93",
    "market_cap_usd": "111737012373.28",
    "volume24": "3982512765.23",
    "volume24_native": "615986.77",
    "csupply": "17282687.00",
    "price_btc": "1.00",
    "tsupply": "17282687",
    "msupply": "21000000"
  }
]
```

id	ID of cryptocurrency
symbol	Ticker symbol for crypto coin
nameid	Name slug
name	Full name of crypto coin
rank	Rank by marketcap
price_usd	Price in USD currency
percent_change_24h	Price change in percent for last 24h
percent_change_1h	Price change in percent for last 1h
percent_change_7d	Price change in percent for last 7 days
price_btc	How much coin costs in BTC



market_cap_usd	Coin marketcap in USD
volume24	Trading volume of coin for last 24h in USD
volume24a	How many coins has been traded
csupply	Circulating Supply
tsupply	Total Supply
msupply	Maximum Supply

Get Markets For Coin

- **Request Method:** GET
- **Description:** Returns first 50 markets for a specific coin
- **Request URL:** <https://api.coinlore.net/api/coin/markets/?id=90>
- **Response:**

```
[
  {
    "name": "Binance",
    "base": "BTC",
    "quote": "USDT",
    "price": 43042.31,
    "price_usd": 43042.31,
    "volume": 18102.07625,
    "volume_usd": 779155177.59614,
    "time": 1706972454
  },
  {
    "name": "Indoex",
    "base": "BTC",
    "quote": "USDT",
    "price": 43049.872336379914,
    "price_usd": 43049.872336379914,
    "volume": 11305.476765303,
    "volume_usd": 486699331.4482,
    "time": 1706972423
  },
  ] ...
```

name	Name of crypto exchange
base	Base cryptocurrency
quote	Quote currency
price	Price in Quote
price_usd	Price in USD
volume	24h coin volume
volume_usd	24h trade volume in USD

All Exchanges

- **Request Method:** GET
- **Description:** Get all exchanges
- **Request URL:** <https://api.coinlore.net/api/exchanges/>
- **Response:**

```
"5": {
  "id": "5",
  "name": "Binance",
  "name_id": "binance",
  "volume_usd": 425535383.2935778,
  "active_pairs": 852,
  "url": "https://www.binance.com",
  "country": "Japan"
```

```
},
"9": {
  "id": "9",
  "name": "Bitfinex",
  "name_id": "bitfinex2",
  "volume_usd": 444695.18944695377,
  "active_pairs": 159,
  "url": "https://www.bitfinex.com",
  "country": "Hong Kong"
}, ...
```

name	Name of cryptocurrency exchange
name_id	Slug of exchange.
volume_usd	Total trading volume in USD
active_pairs	Total active cryptocurrency pairs, markets for exchange.

Fetch exchange data

- **Request Method:** GET
- **Description:** Get specific exchange by ID (Returns Top 100 Pairs)
- **Request URL:** <https://api.coinlore.net/api/exchange/?id=5>
- **Response:**

```
{
  "0":{
    "name":"Binance",
    "date_live":"2014-01-01",
    "url":"https:\\\\www.binance.com"
  },
  "pairs":[
    {
      "base":"BNB",
      "quote":"USDT",
      "volume":91368012.29060800373554229736328125,
      "price":17.194400000000001682565198279917240142822265625,
      "price_usd":17.194400000000001682565198279917240142822265625,
      "time":1553469901
    },
    {
      "base":"BTC",
      "quote":"USDT",
      "volume":68102151.93182499706745147705078125,
      "price":3988.61000000000012732925824820995330810546875,
      "price_usd":3988.61000000000012732925824820995330810546875,
      "time":1553469901
    },
    ...
  ]
}
```



```
      "price":0.00431400000000000012623235789988029864616692066192626953125,
      "price_usd":17.16682845449999916809247224591672420501708984375,
      "time":1553469901
    },
    {
      "base":"BTC",
      "quote":"USDT",
      "volume":68102151.93182499706745147705078125,
      "price":3988.61000000000012732925824820995330810546875,
      "price_usd":3988.61000000000012732925824820995330810546875,
      "time":1553469901
    },
    ...
  ]
}
```

Social Stats

- **Request Method:** GET
- **Description:** Get social stats for coin
- **Request URL:** https://api.coinlore.net/api/coin/social_stats/?id=80
- **Response:**

```
{
  "reddit":{
    "avg_active_users":4409.25,
    "subscribers":373581
  },
  "twitter":{
    "followers_count":414355,
    "status_count":1919
  }
}
```



Python



NodeJS



PHP

ABOUT

Coinlore Independent Cryptocurrency Research Platform: We offer a wide range of metrics including live prices, market cap, trading volumes, historical prices, yearly price history, charts, exchange information, buying guides, crypto wallets, ICO data, converter, news, and price predictions for both short and long-term periods. Coinlore aggregates data from multiple sources to ensure comprehensive coverage of all relevant information and events. Additionally, we provide APIs and widgets for developers and enterprise users.

⚠Trading cryptocurrencies may involve risks. Before engaging in crypto trading, please consult with a financial advisor to ensure it aligns with your financial goals and risk tolerance.

CONTACT

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