

XCOEX public API

CoinMarketCap standards

SUMMARY

The public GET request endpoints are intended to allow access to market data. Endpoints return results in JSON format. Referenced in the /assets and /ticker endpoints is a Unified Cryptoasset ID (UCID). Please view [this page](#) for more information on the UCID.

- [Section A: Spot Exchanges API endpoints](#)

STANDARDS AND CONVENTIONS

1. No API authentication required on public market endpoints.
2. Full market queries are available every 60 seconds. Updates are available once per minute, per market pair.
3. Data is available in JSON format
4. Versioning is guaranteed to avoid breaking changes (api/v1/asset, api/v2/asset, etc.)

BASE URL

Use this public accessible url for query data: <https://public-api.xcoex.com>

[Section A] Spot Exchanges

ENDPOINT OVERVIEW

Name	Endpoint	Description
Summary	/api/v1/spot/summary	Summary status on crypto currencies available on the exchange.
Endpoint A1 (Assets)	/api/v1/assets	In depth details on crypto currencies available on the exchange.
Endpoint A2 (Ticker)	/api/v1/ticker	24-hour rolling window trading volume statistics for all markets.
Endpoint A3 (Order Book)	/api/v1/orderbook/	Market depth of a trading pair. One array containing a list of ask prices and another array containing bid prices.

Endpoint A4 (Trades)	/api/v1/trades/	Recently completed trades for a given market. 24-hour historical full trades available.
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ENDPOINT SUMMARY

SUMMARY /api/v1/spot/summary

The summary endpoint is there to provide a top level summary information for each currency available on the exchange.

```
{
  "BTC_USD": {
    "id": 101,
    "isFrozen": 0,
    "last_price": "35830",
    "lowest_ask": "35894.5",
    "highest_bid": "35872",
    "percent_change": "0",
    "base_volume": "36.51",
    "quote_volume": "1308153.3",
    "high_24hr": "36539.5",
    "low_24hr": "30544.75"
  },
  "ETH_USD": {
    "id": 105,
    "isFrozen": 0,
    "last_price": "1118.554",
    "lowest_ask": "1120.01",
    "highest_bid": "1118.87",
    "percent_change": "0",
    "base_volume": "230.17",
    "quote_volume": "257457.57418",
    "high_24hr": "1143.478",
    "low_24hr": "918.17"
  },
  ...
}
```

Summary response descriptions.

Name	Type	Description
trading_pairs	string	Identifier of a ticker with delimiter to separate base/quote, eg. BTC-USD (Price of BTC is quoted in USD)
last_price	decimal	The price of the last executed order.
lowest_ask	decimal	The lowest ask order price
highest_bid	decimal	The highest bid order price
base_volume	decimal	24-hour trading volume in base pair volume.
quote_volume	decimal	24-hour trading volume in quote pair volume.
price_change_percent_24h	decimal	Price change for the last 24-hour period
highest_price_24h	decimal	24-hour highest trade price
lowest_price_24h	decimal	24-hour lowest trade price

ENDPOINT A1

ASSETS /api/v1/assets

The assets endpoint is there to provide a detailed summary for each currency available on the exchange.

```
{
  "BTC": {
    "unified_cryptoasset_id": 1,
    "name": "Bitcoin",
    "slug": "bitcoin",
    "can_withdraw": true,
    "can_deposit": true
  },
  "ETH": {
    "unified_cryptoasset_id": 1027,
    "name": "Ethereum",
    "slug": "ethereum",
    "can_withdraw": true,
    "can_deposit": true
  },
  ...
}
```

Assets response descriptions.

Name	Type	Description
name	string	Full name of cryptocurrency.
unified_cryptoasset_id	integer	Unique ID of cryptocurrency assigned by Unified Cryptoasset ID .
can_withdraw	boolean	Identifies whether withdrawals are enabled or disabled.
can_deposit	boolean	Identifies whether deposits are enabled or disabled.

ENDPOINT A2

TICKER /api/v1/ticker

The ticker endpoint is there to provide a 24-hour pricing and volume summary for each market pair that is available on the exchange.

```
{
  "BCH_USD": {
    "base_id": 1831,
    "quote_id": 0,
    "isFrozen": 0,
    "last_price": "486.85",
    "base_volume": "39.66",
    "quote_volume": "19308.471"
  },
  "BTC_USD": {
    "base_id": 1,
    "quote_id": 0,
    "isFrozen": 0,
    "last_price": "35830",
    "base_volume": "36.37",
    "quote_volume": "1303137.1"
  },
  ...
}
```

Ticker response descriptions.

Name	Type	Description
base_id	integer	The quote pair Unified Cryptoasset ID .

quote_id	integer	The base pair <u>Unified Cryptoasset ID</u> .
isFrozen	integer	Indicates if the market is currently enabled (0) or disabled (1).
last_price	decimal	The price of the last executed order.
base_volume	decimal	24-hour trading volume in base pair volume.
quote_volume	decimal	24-hour trading volume in quote pair volume.

ENDPOINT A3

ORDERBOOK /api/v1/orderbook/market_pair

The order book endpoint is there to provide a complete level 2 order book (arranged by best asks/bids) with depth of 10 returned for a given market pair.

Parameters.

Name	Type	Description
market_pair	string	A pair such as "BTC_USD"

```
{
  "timestamp": 1610443020307,
  "bids": [
    [
      "35767",
      "5.38"
    ],
    [
      "35748",
      "5"
    ]
  ],
  "asks": [
    [
      "35787",
      "2.3"
    ],
    [
      "35795.5",
      "1"
    ]
  ]
}
```

Order book response descriptions.

Name	Type	Description
timestamp	integer	Unix timestamp in milliseconds for when the last updated time occurred.
bids	decimal	An array containing 2 elements: the offer price and quantity for each bid order.
asks	decimal	An array containing 2 elements: the ask price and quantity for each ask order.

[ENDPOINT A4](#)

TRADES /api/v1/trades/market_pair

The trades endpoint is there to return data on all recently completed trades for a given market pair.

Parameters.

Name	Type	Description
market_pair	string	A pair such as "BTC_LTC"

```
[
  {
    "trade_id": 1622833825,
    "timestamp": 1579794503712,
    "type": "sell",
    "price": "8382.75",
    "base_volume": "0.01",
    "quote_volume": "83.8275"
  },
  ...
]
```

Trades response descriptions.

Name	Type	Description
trade_id	integer	A unique ID associated with the trade for the currency pair transaction. <i>Note:</i> Unix timestamp does not qualify as trade_id.

timestamp	integer	Unix timestamp in milliseconds for when the transaction occurred.
price	decimal	Transaction price in base pair volume.
base_volume	decimal	Transaction amount in base pair volume.
quote_volume	decimal	Transaction amount in quote pair volume.
type	string	Used to determine whether or not the transaction originated as a buy or sell. Buy – Identifies an ask was removed from the order book. Sell – Identifies a bid was removed from the order book.