### Contents

This api provides access to such information as tickers of currency pairs, active orders on different pairs, the latest trades for each pair etc.

All API requests are made from this address:

https://btc-e.com/api/3/<method name>/<pair listing>

Currency pairs are hyphen-separated (-), e.g.:

<https://btc-e.com/api/3/ticker/btc_usd-btc_rur>

You can use as many pairs in the listing as you wish. Duplicates are not allowed. It is also possible to use only one pair:

<https://btc-e.com/api/3/ticker/btc_usd>

A set of pairs works with all the methods presented in the public api except *info*.

All information is cached every 2 seconds, so there's no point in making more frequent requests.

All API responses have the following format JSON.

**Important!** API will display an error if we disable one of the pairs listed in your request. If you are not going to synchronize the state of pairs using the method *info*, you need to send the GET-parameter *ignore\_invalid* equal to 1, e.g.:

<https://btc-e.com/api/3/ticker/btc_usd-btc_btc?ignore_invalid=1>

Without the parameter ignore\_invalid this request would have caused an error because of a non-existent pair.

### Examples

Most of the examples have been created by our users. We are not responsible for their performance and do not provide support for them. You can use them at your own risk.

If you would like to see your example here, please create a ticket titled "API example for documentation".

Examples:

**Objective C** - <https://github.com/backmeupplz/BtcePublicApiV3Handler> by backmeupplz

**Python:** <http://pastebin.com/kABSEyYB> by stozher

**Java:** <https://github.com/alexandersjn/btc_e_assist_api> by alexandersjn

**Swift:** <https://bitbucket.org/MaximSh/yawzabot-btce-bot> by MaximSh

**Method info**

This method provides all the information about currently active pairs, such as the maximum number of digits after the decimal point, the minimum price, the maximum price, the minimum transaction size, whether the pair is hidden, the commission for each pair.

**Sample request:**

<https://btc-e.com/api/3/info>

**Sample response:**

{

"server\_time":1370814956,

"pairs":{

"btc\_usd":{

"decimal\_places":3,

"min\_price":0.1,

"max\_price":400,

"min\_amount":0.01,

"hidden":0,

"fee":0.2

}

...

}

}

**decimal\_places**: number of decimals allowed during trading.

**min\_price**: minimum price allowed during trading.

**max\_price**: maximum price allowed during trading.

**min\_amount**: minimum sell / buy transaction size.

**hidden**: whether the pair is hidden, 0 or 1.

**fee**: commission for this pair.

A hidden pair (*hidden=1*) remains active but is not displayed in the list of pairs on the main page.

The Commission is displayed for all users, it will not change even if it was reduced on your account in case of promotional pricing.

If one of the pairs is disabled, it will simply disappear from the list.

**Method ticker**

This method provides all the information about currently active pairs, such as: the maximum price, the minimum price, average price, trade volume, trade volume in currency, the last trade, Buy and Sell price.

All information is provided over the past 24 hours.

**Sample request:**

<https://btc-e.com/api/3/ticker/btc_usd>

**Sample response:**

{

"btc\_usd":{

"high":109.88,

"low":91.14,

"avg":100.51,

"vol":1632898.2249,

"vol\_cur":16541.51969,

"last":101.773,

"buy":101.9,

"sell":101.773,

"updated":1370816308

}

...

}

**high**: maximum price.

**low**: minimum price.

**avg**: average price.

**vol**: trade volume.

**vol\_cur**: trade volume in currency.

**last**: the price of the last trade.

**buy**: buy price.

**sell**: sell price.

**updated**: last update of cache.

**Method depth**

This method provides the information about active orders on the pair.

Additionally it accepts an optional GET-parameter *limit*, which indicates how many orders should be displayed (150 by default).

Is set to less than 2000.

**Sample request:**

<https://btc-e.com/api/3/depth/btc_usd>

**Sample response:**

{

"btc\_usd":{

"asks":[

[103.426,0.01],

[103.5,15],

[103.504,0.425],

[103.505,0.1],

...

],

"bids":[

[103.2,2.48502251],

[103.082,0.46540304],

[102.91,0.99007913],

[102.83,0.07832332],

...

]

}

...

}

**asks**: Sell orders.

**bids**: Buy orders.

**Method trades**

This method provides the information about the last trades.

Additionally it accepts an optional GET-parameter *limit*, which indicates how many orders should be displayed (150 by default).

The maximum allowable value is 2000.

**Sample request:**

<https://btc-e.com/api/3/trades/btc_usd>

**Sample response:**

{

"btc\_usd":[

{

"type":"ask",

"price":103.6,

"amount":0.101,

"tid":4861261,

"timestamp":1370818007

},

{

"type":"bid",

"price":103.989,

"amount":1.51414,

"tid":4861254,

"timestamp":1370817960

},

...

]

...

}

**type**: ask – Sell, bid – Buy.

**price**: Buy price/Sell price.

**amount**: the amount of asset bought/sold.

**tid**: trade ID.

**timestamp**: UNIX time of the trade.