
krakenex Documentation

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Contents

1	Classes and methods	1
	Python Module Index	3

Classes and methods

These are the classes defined by *krakenex*. Every class is in a separate module.

class *krakenex*.**API** (*key*='', *secret*='', *conn*=None)

Kraken.com cryptocurrency Exchange API.

__init__ (*key*='', *secret*='', *conn*=None)

Create an object with authentication information.

Parameters

- **key** (*str*) – key required to make queries to the API
- **secret** (*str*) – private key used to sign API messages
- **conn** (*krakenex.Connection*) – connection TODO

__weakref__

list of weak references to the object (if defined)

_query (*urlpath*, *req*={}, *conn*=None, *headers*={})

Low-level query handling.

Parameters

- **urlpath** (*str*) – API URL path sans host
- **req** (*dict*) – additional API request parameters
- **conn** (*krakenex.Connection*) – connection TODO
- **headers** (*dict*) – HTTPS headers

load_key (*path*)

Load key and secret from file.

Parameters **path** (*str*) – path to keyfile

query_private (*method*, *req*={}, *conn*=None)

API queries that require a valid key/secret pair.

Parameters

- **method** (*str*) – API method name
- **req** (*dict*) – additional API request parameters
- **conn** (*krakenex.Connection*) – connection TODO

query_public (*method*, *req*=*{}*, *conn*=*None*)

API queries that do not require a valid key/secret pair.

Parameters

- **method** (*str*) – API method name
- **req** (*dict*) – additional API request parameters
- **conn** (*krakenex.Connection*) – connection TODO

set_connection (*conn*)

Set an existing connection to be used as a default in queries.

Parameters **conn** (*krakenex.Connection*) – connection TODO

class *krakenex.Connection* (*uri*=*'api.kraken.com'*, *timeout*=*30*)

Kraken.com connection handler.

__init__ (*uri*=*'api.kraken.com'*, *timeout*=*30*)

Create an object for reusable connections.

Parameters

- **uri** (*str*) – URI to connect to.
- **timeout** (*int*) – blocking operations' timeout (in seconds).

Returns TODO

Raises TODO

__weakref__

list of weak references to the object (if defined)

__request (*url*, *req*=*{}*, *headers*=*{}*)

Send POST request to API server.

Parameters

- **url** (*str*) – fully-qualified URL with all necessary urlencoded information
- **req** (*dict*) – additional API request parameters
- **headers** (*dict*) – additional HTTPS headers, such as API-Key and API-Sign

close ()

Close the connection.

k

krakenex, [1](#)

Symbols

`__init__()` (krakenex.API method), 1
`__init__()` (krakenex.Connection method), 2
`__weakref__` (krakenex.API attribute), 1
`__weakref__` (krakenex.Connection attribute), 2
`_query()` (krakenex.API method), 1
`_request()` (krakenex.Connection method), 2

A

API (class in krakenex), 1

C

`close()` (krakenex.Connection method), 2
Connection (class in krakenex), 2

K

krakenex (module), 1

L

`load_key()` (krakenex.API method), 1

Q

`query_private()` (krakenex.API method), 1
`query_public()` (krakenex.API method), 2

S

`set_connection()` (krakenex.API method), 2