
iqoptionapi

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iqoptionapi

1.1 iqoptionapi package

1.1.1 Subpackages

iqoptionapi.http package

Submodules

iqoptionapi.http.appinit module

Module for IQ option appinit http resource.

```
class iqoptionapi.http.appinit.Appinit (api)  
    Bases: iqoptionapi.http.resource.Resource  
    Class for IQ option login resource.  
    Parameters api – The instance of IQOptionAPI.  
    url = 'appinit'
```

iqoptionapi.http.auth module

Module for IQ Option http auth resource.

```
class iqoptionapi.http.auth.Auth (api)  
    Bases: iqoptionapi.http.resource.Resource  
    Class for IQ Option http auth resource.  
    Parameters api – The instance of IQOptionAPI.  
    url = 'auth'
```

iqoptionapi.http.billing module

Module for IQ option billing resource.

class `iqoptionapi.http.billing.Billing` (*api*)
Bases: `iqoptionapi.http.resource.Resource`
Class for IQ option billing resource.
Parameters *api* – The instance of `IQOptionAPI`.
url = 'billing'

iqoptionapi.http.buyback module

Module for IQ option buyback resource.

class `iqoptionapi.http.buyback.Buyback` (*api*)
Bases: `iqoptionapi.http.resource.Resource`
Class for IQ option buyback resource.
Parameters *api* – The instance of `IQOptionAPI`.
url = 'billing/buyback'

iqoptionapi.http.changebalance module

Module for IQ option changebalance resource.

class `iqoptionapi.http.changebalance.Changebalance` (*api*)
Bases: `iqoptionapi.http.resource.Resource`
Class for IQ option changebalance resource.
Parameters *api* – The instance of `IQOptionAPI`.
url = 'profile/changebalance'

iqoptionapi.http.getprofile module

Module for IQ Option http getprofile resource.

class `iqoptionapi.http.getprofile.Getprofile` (*api*)
Bases: `iqoptionapi.http.resource.Resource`
Class for IQ option getprofile resource.
Parameters *api* – The instance of `IQOptionAPI`.
url = 'getprofile'

iqoptionapi.http.getregdata module

Module for IQ Option http getregdata resource.

class `iqoptionapi.http.getregdata.Getprofile` (*api*)
Bases: `iqoptionapi.http.resource.Resource`
Class for IQ option getregdata resource.
Parameters *api* – The instance of `IQOptionAPI`.
url = 'register/getregdata'

iqoptionapi.http.login module

Module for IQ Option http login resource.

```
class iqoptionapi.http.login.Login(api)
    Bases: iqoptionapi.http.resource.Resource
    Class for IQ option login resource.

    Parameters api – The instance of IQOptionAPI.
    url = 'login'
```

iqoptionapi.http.loginv2 module

Module for IQ Option http loginv2 resource.

```
class iqoptionapi.http.loginv2.Loginv2(api)
    Bases: iqoptionapi.http.login.Login
    Class for IQ option loginv2 resource.

    url = 'login/v2'
```

iqoptionapi.http.profile module

Module for IQ option profile resource.

```
class iqoptionapi.http.profile.Profile(api)
    Bases: iqoptionapi.http.resource.Resource
    Class for IQ option profile resource.

    Parameters api – The instance of IQOptionAPI.
    url = 'profile'
```

iqoptionapi.http.register module

Module for IQ option register resource.

```
class iqoptionapi.http.register.Register(api)
    Bases: iqoptionapi.http.resource.Resource
    Class for IQ option register resource.

    Parameters api – The instance of IQOptionAPI.
    url = 'register'
```

iqoptionapi.http.resource module

Module for base IQ Option http base resource.

```
class iqoptionapi.http.resource.Resource(api)
    Bases: object
    Class for base IQ Option API http resource.
```

Parameters **api** – The instance of *IQOptionAPI*.

send_http_request (*method*, *data=None*, *params=None*, *headers=None*)
Send http request to IQ Option API.

Parameters

- **method** (*str*) – The http request method.
- **data** (*dict*) – (optional) The http request data.
- **params** (*dict*) – (optional) The http request params.
- **headers** (*dict*) – (optional) The http request headers.

Returns The instance of `requests.Response`.

iqoptionapi.http.token module

Module for IQ Option http token resource.

class `iqoptionapi.http.token.Token` (*api*)
Bases: *iqoptionapi.http.resource.Resource*
Class for IQ Option http token resource.
url = 'auth/token'

Module contents

Module for IQ Option API http resources.

iqoptionapi.ws package

Subpackages

iqoptionapi.ws.channels package

Submodules

iqoptionapi.ws.channels.base module Module for base IQ Option base websocket channel.

class `iqoptionapi.ws.channels.base.Base` (*api*)
Bases: `object`

Class for base IQ Option websocket channel.

Parameters **api** – The instance of *IQOptionAPI*.

send_websocket_request (*name*, *msg*)
Send request to IQ Option server websocket.

Parameters

- **name** (*str*) – The websocket channel name.
- **msg** (*dict*) – The websocket channel msg.

Returns The instance of `requests.Response`.

iqoptionapi.ws.channels.buyback module Module for IQ Option buyback websocket channel.

class `iqoptionapi.ws.channels.buyback.Buyback` (*api*)

Bases: `iqoptionapi.ws.channels.base.Base`

Class for IQ option subscribe to buyback websocket channel.

Parameters *api* – The instance of `IQOptionAPI`.

name = 'buyback'

iqoptionapi.ws.channels.buyv2 module Module for IQ Option buyV2 websocket channel.

class `iqoptionapi.ws.channels.buyv2.Buyv2` (*api*)

Bases: `iqoptionapi.ws.channels.base.Base`

Class for IQ option buy websocket channel.

Parameters *api* – The instance of `IQOptionAPI`.

name = 'buyV2'

iqoptionapi.ws.channels.candles module Module for IQ option candles websocket channel.

class `iqoptionapi.ws.channels.candles.GetCandles` (*api*)

Bases: `iqoptionapi.ws.channels.base.Base`

Class for IQ option candles websocket channel.

Parameters *api* – The instance of `IQOptionAPI`.

name = 'candles'

iqoptionapi.ws.channels.setactives module Module for IQ option setactives websocket channel.

class `iqoptionapi.ws.channels.setactives.SetActives` (*api*)

Bases: `iqoptionapi.ws.channels.base.Base`

Class for IQ option setactives websocket channel.

Parameters *api* – The instance of `IQOptionAPI`.

name = 'setActives'

iqoptionapi.ws.channels.ssid module Module for IQ option API ssid websocket channel.

class `iqoptionapi.ws.channels.ssid.Ssid` (*api*)

Bases: `iqoptionapi.ws.channels.base.Base`

Class for IQ option API ssid websocket channel.

Parameters *api* – The instance of `IQOptionAPI`.

name = 'ssid'

iqoptionapi.ws.channels.subscribe module Module for IQ option subscribe websocket channel.

class `iqoptionapi.ws.channels.subscribe.Subscribe` (*api*)

Bases: `iqoptionapi.ws.channels.base.Base`

Class for IQ option subscribe websocket channel.

Parameters **api** – The instance of *IQOptionAPI*.
name = 'subscribe'

iqoptionapi.ws.channels.unsubscribe module Module for IQ option unsubscribe websocket channel.

class *iqoptionapi.ws.channels.unsubscribe.Unsubscribe* (*api*)
Bases: *iqoptionapi.ws.channels.base.Base*
Class for IQ option unsubscribe websocket channel.
Parameters **api** – The instance of *IQOptionAPI*.
name = 'unSubscribe'

Module contents Module for IQ Option API websocket channels.

iqoptionapi.ws.objects package

Submodules

iqoptionapi.ws.objects.base module Module for IQ Option Base websocket object.

class *iqoptionapi.ws.objects.base.Base*
Bases: object
Class for IQ Option Base websocket object.
name
Property to get websocket object name.
Returns The name of websocket object.

iqoptionapi.ws.objects.candles module Module for IQ Option Candles websocket object.

class *iqoptionapi.ws.objects.candles.Candle* (*candle_data*)
Bases: object
Class for IQ Option candle.
Parameters **candle_data** – The list of candles data.
candle_close
Property to get candle close value.
Returns The candle close value.
candle_high
Property to get candle high value.
Returns The candle high value.
candle_low
Property to get candle low value.
Returns The candle low value.
candle_open
Property to get candle open value.

Returns The candle open value.

candle_time

Property to get candle time.

Returns The candle time.

candle_type

Property to get candle type value.

Returns The candle type value.

class `iqoptionapi.ws.objects.candles.Candles`

Bases: `iqoptionapi.ws.objects.base.Base`

Class for IQ Option Candles websocket object.

candles_data

Property to get candles data.

Returns The list of candles data.

current_candle

Method to get current candle.

Returns The instance of `Candle`.

first_candle

Method to get first candle.

Returns The instance of `Candle`.

second_candle

Method to get second candle.

Returns The instance of `Candle`.

iqoptionapi.ws.objects.profile module Module for IQ Option Profile websocket object.

class `iqoptionapi.ws.objects.profile.Profile`

Bases: `iqoptionapi.ws.objects.base.Base`

Class for IQ Option Profile websocket object.

balance

Property to get balance value.

Returns The balance value.

skey

Property to get skey value.

Returns The skey value.

iqoptionapi.ws.objects.timesync module Module for IQ Option TimeSync websocket object.

class `iqoptionapi.ws.objects.timesync.TimeSync`

Bases: `iqoptionapi.ws.objects.base.Base`

Class for IQ Option TimeSync websocket object.

expiration_datetime

Property to get expiration datetime.

Returns The expiration datetime.

expiration_time

Property to get expiration time.

Returns The expiration time.

expiration_timestamp

Property to get expiration timestamp.

Returns The expiration timestamp.

server_datetime

Property to get server datetime.

Returns The server datetime.

server_timestamp

Property to get server timestamp.

Returns The server timestamp.

Module contents Module for IQ Option API websocket objects.

Submodules

iqoptionapi.ws.client module

Module for IQ option websocket.

class `iqoptionapi.ws.client.WebsocketClient` (*api*)
Bases: `object`

Class for work with IQ option websocket.

Parameters `api` – The instance of *IQOptionAPI*.

static `on_close` (*wss*)

Method to process websocket close.

static `on_error` (*wss, error*)

Method to process websocket errors.

on_message (*wss, message*)

Method to process websocket messages.

static `on_open` (*wss*)

Method to process websocket open.

Module contents

Module for IQ Option API websocket.

1.1.2 Submodules

1.1.3 iqoptionapi.api module

Module for IQ Option API.

class `iqoptionapi.api.IQOptionAPI` (*host, username, password, proxies=None*)

Bases: `object`

Class for communication with IQ Option API.

Parameters

- **host** (*str*) – The hostname or ip address of a IQ Option server.
- **username** (*str*) – The username of a IQ Option server.
- **password** (*str*) – The password of a IQ Option server.
- **proxies** (*dict*) – (optional) The http request proxies.

appinit

Property for get IQ Option http appinit resource.

Returns The instance of [*Appinit*](#).

auth

Property for get IQ Option http auth resource.

Returns The instance of [*Auth*](#).

billing

Property for get IQ Option http billing resource.

Returns The instance of [*Billing*](#).

buy

Property for get IQ Option websocket buyv2 request.

Returns The instance of [*Buyv2*](#).

buyback

Property for get IQ Option http buyback resource.

Returns The instance of [*Buyback*](#).

candles = `<iqoptionapi.ws.objects.candles.Candles object>`

changebalance

Property for get IQ Option http changebalance resource.

Returns The instance of [*Changebalance*](#).

connect ()

Method for connection to IQ Option API.

getcandles

Property for get IQ Option websocket candles chanel.

Returns The instance of [*GetCandles*](#).

getprofile

Property for get IQ Option http getprofile resource.

Returns The instance of [*Login*](#).

login

Property for get IQ Option http login resource.

Returns The instance of [*Login*](#).

loginv2

Property for get IQ Option http loginv2 resource.

Returns The instance of *Loginv2*.

prepare_http_url (*resource*)

Construct http url from resource url.

Parameters **resource** – The instance of *Resource*.

Returns The full url to IQ Option http resource.

profile = <iqoptionapi.ws.objects.profile.Profile object>

send_http_request (*resource, method, data=None, params=None, headers=None*)

Send http request to IQ Option server.

Parameters

- **resource** – The instance of *Resource*.
- **method** (*str*) – The http request method.
- **data** (*dict*) – (optional) The http request data.
- **params** (*dict*) – (optional) The http request params.
- **headers** (*dict*) – (optional) The http request headers.

Returns The instance of *Response*.

send_websocket_request (*name, msg*)

Send websocket request to IQ Option server.

Parameters

- **name** (*str*) – The websocket request name.
- **msg** (*dict*) – The websocket request msg.

set_session_cookies ()

Method to set session cookies.

setactives

Property for get IQ Option websocket setactives chanel.

Returns The instance of *SetActive*.

ssid

Property for get IQ Option websocket ssid chanel.

Returns The instance of *Ssid*.

subscribe

Property for get IQ Option websocket subscribe chanel.

Returns The instance of *Subscribe*.

timesync = <iqoptionapi.ws.objects.timesync.TimeSync object>

token

Property for get IQ Option http token resource.

Returns The instance of *Token*.

unsubscribe

Property for get IQ Option websocket unsubscribe chanel.

Returns The instance of *Unsubscribe*.

websocket

Property to get websocket.

Returns The instance of WebSocket.

1.1.4 ioptionapi.constants module

Module for IQ Option API constants.

1.1.5 Module contents

A python wrapper for IQ Option API.

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