

PHP Binance Api

Generated by Doxygen 1.8.6

Mon Apr 16 2018 17:51:50

Contents

1	Namespace Index	1
1.1	Namespace List	1
2	Class Index	3
2.1	Class List	3
3	Namespace Documentation	5
3.1	Binance Namespace Reference	5
4	Class Documentation	7
4.1	Binance\API Class Reference	7
4.1.1	Detailed Description	9
4.1.2	Constructor & Destructor Documentation	10
4.1.2.1	__construct	10
4.1.3	Member Function Documentation	10
4.1.3.1	__get	10
4.1.3.2	__set	10
4.1.3.3	account	10
4.1.3.4	addToTransferred	10
4.1.3.5	aggTrades	11
4.1.3.6	balances	11
4.1.3.7	bookPrices	11
4.1.3.8	buy	12
4.1.3.9	buyTest	12
4.1.3.10	cancel	12
4.1.3.11	candlesticks	13
4.1.3.12	chart	13
4.1.3.13	cumulative	14
4.1.3.14	depositAddress	14
4.1.3.15	depositHistory	14
4.1.3.16	depth	15
4.1.3.17	depthCache	15

4.1.3.18	displayDepth	15
4.1.3.19	exchangeInfo	16
4.1.3.20	first	16
4.1.3.21	getProxyUriString	16
4.1.3.22	getRequestCount	16
4.1.3.23	getTransferred	17
4.1.3.24	highstock	17
4.1.3.25	history	17
4.1.3.26	keepAlive	18
4.1.3.27	kline	18
4.1.3.28	last	18
4.1.3.29	marketBuy	18
4.1.3.30	marketBuyTest	19
4.1.3.31	marketSell	19
4.1.3.32	marketSellTest	19
4.1.3.33	miniTicker	20
4.1.3.34	openOrders	20
4.1.3.35	order	20
4.1.3.36	orders	21
4.1.3.37	orderStatus	21
4.1.3.38	prevDay	22
4.1.3.39	prices	22
4.1.3.40	sell	22
4.1.3.41	sellTest	23
4.1.3.42	setProxy	23
4.1.3.43	sortDepth	23
4.1.3.44	terminate	24
4.1.3.45	ticker	24
4.1.3.46	time	24
4.1.3.47	trades	25
4.1.3.48	userData	26
4.1.3.49	useServerTime	26
4.1.3.50	withdraw	27
4.1.3.51	withdrawFee	27
4.1.3.52	withdrawHistory	27
4.1.4	Member Data Documentation	28
4.1.4.1	\$api_key	28
4.1.4.2	\$api_secret	28
4.1.4.3	\$base	28
4.1.4.4	\$chartQueue	28

4.1.4.5	\$charts	28
4.1.4.6	\$curlOpts	28
4.1.4.7	\$depthCache	28
4.1.4.8	\$depthQueue	28
4.1.4.9	\$info	28
4.1.4.10	\$proxyConf	29
4.1.4.11	\$requestCount	29
4.1.4.12	\$stream	29
4.1.4.13	\$transferred	29
4.1.4.14	\$wapi	29

Index	30
--------------	-----------

Chapter 1

Namespace Index

1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

Binance	5
-----------------------------------	---

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

[Binance\API](#)

 Main Binance class [7](#)

Chapter 3

Namespace Documentation

3.1 Binance Namespace Reference

Classes

- class [API](#)

Main Binance class.

Chapter 4

Class Documentation

4.1 Binance\API Class Reference

Main Binance class.

Public Member Functions

- [__construct](#) ()
Constructor for the class, send as many argument as you want.
- [__get](#) (string \$member)
magic get for private and protected members
- [__set](#) (string \$member, \$value)
magic set for private and protected members
- [buy](#) (string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[])
buy attempts to create a currency order each currency supports a number of order types, such as -LIMIT -MARKET -STOP_LOSS -STOP_LOSS_LIMIT -TAKE_PROFIT -TAKE_PROFIT_LIMIT -LIMIT_MAKER
- [buyTest](#) (string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[])
buyTest attempts to create a TEST currency order
- [sell](#) (string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[])
sell attempts to create a currency order each currency supports a number of order types, such as -LIMIT -MARKET -STOP_LOSS -STOP_LOSS_LIMIT -TAKE_PROFIT -TAKE_PROFIT_LIMIT -LIMIT_MAKER
- [sellTest](#) (string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[])
sellTest attempts to create a TEST currency order
- [marketBuy](#) (string \$symbol, \$quantity, array \$flags=[])
marketBuy attempts to create a currency order at given market price
- [marketBuyTest](#) (string \$symbol, \$quantity, array \$flags=[])
marketBuyTest attempts to create a TEST currency order at given market price
- [marketSell](#) (string \$symbol, \$quantity, array \$flags=[])
marketSell attempts to create a currency order at given market price
- [marketSellTest](#) (string \$symbol, \$quantity, array \$flags=[])
marketSellTest attempts to create a TEST currency order at given market price
- [cancel](#) (string \$symbol, \$orderid)
cancel attempts to cancel a currency order
- [orderStatus](#) (string \$symbol, \$orderid)
orderStatus attempts to get orders status
- [openOrders](#) (string \$symbol=null)
openOrders attempts to get open orders for all currencies or a specific currency

- **orders** (string \$symbol, int \$limit=500, int \$fromOrderId=1)
orders attempts to get the orders for all or a specific currency
- **history** (string \$symbol, int \$limit=500, int \$fromTradeId=1)
history Get the complete account trade history for all or a specific currency
- **useServerTime** ()
useServerTime adds the 'useServerTime'=>true to the API request to avoid time errors
- **time** ()
time Gets the server time
- **exchangeInfo** ()
exchangeInfo Gets the complete exchange info, including limits, currency options etc.
- **withdraw** (string \$asset, string \$address, \$amount, \$addressTag=null)
withdraw requests a asset be withdrawn from binance to another wallet
- **depositAddress** (string \$asset)
depositAddress get the deposit address for an asset
- **depositHistory** (string \$asset=null, array \$params=[])
depositAddress get the deposit history for an asset
- **withdrawHistory** (string \$asset=null, array \$params=[])
withdrawHistory get the withdrawal history for an asset
- **withdrawFee** (string \$asset)
withdrawFee get the withdrawal fee for an asset
- **prices** ()
prices get all the current prices
- **bookPrices** ()
bookPrices get all bid/asks prices
- **account** ()
account get all information about the api account
- **prevDay** (string \$symbol=null)
prevDay get 24hr ticker price change statistics for symbols
- **aggTrades** (string \$symbol)
aggTrades get Market History / Aggregate Trades
- **depth** (string \$symbol)
depth get Market depth
- **balances** (\$priceData=false)
balances get balances for the account assets
- **getProxyUriString** ()
getProxyUriString get Uniform Resource Identifier string associated with proxy config
- **setProxy** (array \$proxyconf)
setProxy set proxy config by passing in an array of the proxy configuration
- **order** (string \$side, string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[], bool \$test=false)
order formats the orders before sending them to the curl wrapper function You can call this function directly or use the helper functions
- **candlesticks** (string \$symbol, string \$interval="5m", int \$limit=null, \$startTime=null, \$endTime=null)
candlesticks get the candles for the given intervals 1m,3m,5m,15m,30m,1h,2h,4h,6h,8h,12h,1d,3d,1w,1M
- **cumulative** (array \$depth)
cumulative Converts depth cache into a cumulative array
- **highstock** (array \$chart, bool \$include_volume=false)
highstock Converts Chart Data into array for highstock & kline charts
- **first** (array \$array)
first Gets first key of an array
- **last** (array \$array)
last Gets last key of an array

- **displayDepth** (array \$array)
displayDepth Formats nicely for console output
- **getTransferred** ()
getTransferred gets the total transferred in b,Kb,Mb,Gb
- **getRequestCount** ()
getRequestCount gets the total number of API calls
- **addToTransferred** (int \$int)
addToTransferred add integer bytes to the total transferred also incrementes the api counter
- **sortDepth** (string \$symbol, int \$limit=11)
sortDepth Sorts depth data for display & getting highest bid and lowest ask
- **depthCache** (\$symbols, callable \$callback)
depthCache Pulls /depth data and subscribes to WebSocket endpoint Maintains a local Depth Cache in sync via lastUpdated.
- **trades** (\$symbols, callable \$callback)
trades Trades WebSocket Endpoint
- **ticker** (\$symbol, callable \$callback)
ticker pulls 24h price change statistics via WebSocket
- **chart** (\$symbols, string \$interval="30m", callable \$callback)
chart Pulls /kline data and subscribes to WebSocket endpoint
- **kline** (\$symbols, string \$interval="30m", callable \$callback)
kline Subscribes to WebSocket endpoint for latest chart data only
- **terminate** (\$endpoint)
terminate Terminates websocket endpoints.
- **keepAlive** ()
keepAlive Keep-alive function for userDataStream
- **userData** (&\$balance_callback, &\$execution_callback=false)
userData Issues userDataStream token and keepalive, subscribes to userData WebSocket
- **miniTicker** (callable \$callback)
miniTicker Get miniTicker for all symbols

Protected Attributes

- **\$base** = 'https://api.binance.com/api/'
- **\$wapi** = 'https://api.binance.com/wapi/'
- **\$stream** = 'wss://stream.binance.com:9443/ws/'
- **\$api_key**
- **\$api_secret**
- **\$depthCache** = []
- **\$depthQueue** = []
- **\$chartQueue** = []
- **\$charts** = []
- **\$curlOpts** = []
- **\$info**
- **\$proxyConf** = null
- **\$transferred** = 0
- **\$requestCount** = 0

4.1.1 Detailed Description

Main Binance class.

Eg. Usage: require 'vendor/autoload.php'; \$api = new Binance\API();

Definition at line 29 of file php-binance-api.php.

4.1.2 Constructor & Destructor Documentation

4.1.2.1 Binance\API::__construct ()

Constructor for the class, send as many argument as you want.

Returns

null

Definition at line 61 of file php-binance-api.php.

4.1.3 Member Function Documentation

4.1.3.1 Binance\API::__get (string \$member)

magic get for private and protected members

Parameters

<i>\$file</i>	string the name of the property to return
---------------	-------------------------------------------

Returns

null

Definition at line 172 of file php-binance-api.php.

4.1.3.2 Binance\API::__set (string \$member, \$value)

magic set for private and protected members

Parameters

<i>\$member</i>	string the name of the member property
<i>\$value</i>	the value of the member property

Definition at line 186 of file php-binance-api.php.

4.1.3.3 Binance\API::account ()

account get all information about the api account

```
$account = $api->account();
```

Returns

array with error message or array of all the account information

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 721 of file php-binance-api.php.

4.1.3.4 Binance\API::addToTransferred (int \$int)

addToTransferred add interger bytes to the total transferred also incrementes the api counter

```
$apiCount = $api->addToTransferred( $int );
```


Returns

null

Definition at line 1524 of file php-binance-api.php.

4.1.3.5 Binance\API::aggTrades (string \$symbol)

aggTrades get Market History / Aggregate Trades

```
$trades = $api->aggTrades("BNBBTC");
```

Parameters

<i>\$symbol</i>	string the symbol to get the trade information for
-----------------	----------------------------------------------------

Returns

array with error message or array of market history

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 755 of file php-binance-api.php.

4.1.3.6 Binance\API::balances (\$priceData = false)

balances get balances for the account assets

```
$balances = $api->balances($ticker);
```

Parameters

bool	<i>\$priceData</i>	array of the symbols balances are required for
------	--------------------	------------------------------------------------

Returns

array with error message or array of balances

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 795 of file php-binance-api.php.

4.1.3.7 Binance\API::bookPrices ()

bookPrices get all bid/asks prices

```
$ticker = $api->bookPrices();
```

Returns

array with error message or array of all the book prices

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 708 of file php-binance-api.php.

4.1.3.8 `Binance\API::buy (string $symbol, $quantity, $price, string $type = "LIMIT", array $flags = [])`

buy attempts to create a currency order each currency supports a number of order types, such as -LIMIT -MARKET -STOP_LOSS -STOP_LOSS_LIMIT -TAKE_PROFIT -TAKE_PROFIT_LIMIT -LIMIT_MAKER

You should check the

See Also

exchangeInfo for each currency to determine what types of orders can be placed against specific pairs

```
$quantity = 1; $price = 0.0005; $order = $api->buy("BNBBTC", $quantity, $price);
```

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$price</i>	string price per unit you want to spend
<i>\$type</i>	string type of order
<i>\$flags</i>	array additional options for order type

Returns

array with error message or the order details

Definition at line 299 of file php-binance-api.php.

4.1.3.9 `Binance\API::buyTest (string $symbol, $quantity, $price, string $type = "LIMIT", array $flags = [])`

buyTest attempts to create a TEST currency order

See Also

buy()

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$price</i>	string price per unit you want to spend
<i>\$type</i>	string config
<i>\$flags</i>	array config

Returns

array with error message or empty or the order details

Definition at line 316 of file php-binance-api.php.

4.1.3.10 `Binance\API::cancel (string $symbol, $orderid)`

cancel attempts to cancel a currency order

```
$orderid = "123456789"; $order = $api->cancel("BNBBTC", $orderid);
```

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$orderid</i>	string the orderid to cancel

Returns

array with error message or the order details

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 441 of file php-binance-api.php.

4.1.3.11 `Binance\API::candlesticks (string $symbol, string $interval = "5m", int $limit = null, $startTime = null, $endTime = null)`

candlesticks get the candles for the given intervals 1m,3m,5m,15m,30m,1h,2h,4h,6h,8h,12h,1d,3d,1w,1M

```
$candles = $api->candlesticks("BNBBTC", "5m");
```

Parameters

<i>\$symbol</i>	string to query
<i>\$interval</i>	string to request
<i>\$limit</i>	int limit the amount of candles
<i>\$startTime</i>	string request candle information starting from here
<i>\$endTime</i>	string request candle information ending here

Returns

array containing the response

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 1050 of file php-binance-api.php.

4.1.3.12 `Binance\API::chart ($symbols, string $interval = "30m", callable $callback)`

chart Pulls /kline data and subscribes to WebSocket endpoint

```
$api->chart(["BNBBTC"], "15m", function($api, $symbol, $chart) { echo "{$symbol} chart update\n"; print_r($chart); });
```

Parameters

<i>\$symbols</i>	string required symbols
<i>\$interval</i>	string time interval
<i>\$callback</i>	callable closure

Returns

null

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 1837 of file php-binance-api.php.

4.1.3.13 `BinanceAPI::cumulative (array $depth)`

`cumulative` Converts depth cache into a cumulative array

```
$cumulative = $api->cumulative($depth);
```

Parameters

<i>\$depth</i>	array cache array
----------------	-------------------

Returns

array cumulative depth cache

Definition at line 1342 of file php-binance-api.php.

4.1.3.14 `BinanceAPI::depositAddress (string $asset)`

`depositAddress` get the deposit address for an asset

```
$depositAddress = $api->depositAddress("VEN");
```

Parameters

<i>\$asset</i>	string the currency such as BTC
----------------	---------------------------------

Returns

array with error message or array deposit address information

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 618 of file php-binance-api.php.

4.1.3.15 `BinanceAPI::depositHistory (string $asset = null, array $params = [])`

`depositAddress` get the deposit history for an asset

```
$depositHistory = $api->depositHistory();
```

```
$depositHistory = $api->depositHistory( "BTC" );
```

Parameters

<i>\$asset</i>	string empty or the currency such as BTC
<i>\$params</i>	array optional startTime, endTime, status parameters

Returns

array with error message or array deposit history information

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 639 of file php-binance-api.php.

4.1.3.16 **Binance\API::depth (string \$symbol)**

depth get Market depth

```
$depth = $api->depth("ETHBTC");
```

Parameters

<i>\$symbol</i>	string the symbol to get the depth information for
-----------------	----------------------------------------------------

Returns

array with error message or array of market depth

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 771 of file php-binance-api.php.

4.1.3.17 **Binance\API::depthCache (\$symbols, callable \$callback)**

depthCache Pulls /depth data and subscribes to WebSocket endpoint Maintains a local Depth Cache in sync via lastUpdateId.

See depth() and depthHandler()

```
$api->depthCache(["BNBBTC"], function($api, $symbol, $depth) { echo "{$symbol} depth cache update".PHP_EOL; //print_r($depth); // Print all depth data $limit = 11; // Show only the closest asks/bids $sorted = $api->sortDepth($symbol, $limit); $bid = $api->first($sorted['bids']); $ask = $api->first($sorted['asks']); echo $api->displayDepth($sorted); echo "ask: {$ask}".PHP_EOL; echo "bid: {$bid}".PHP_EOL; });
```

Parameters

<i>\$symbol</i>	string optional array of symbols
<i>\$callback</i>	callable closure

Returns

null

Definition at line 1645 of file php-binance-api.php.

4.1.3.18 **Binance\API::displayDepth (array \$array)**

displayDepth Formats nicely for console output

```
$outputString = $api->displayDepth($array);
```

Parameters

<i>\$array</i>	array
----------------	-------

Returns

string of the depth information

Definition at line 1437 of file php-binance-api.php.

4.1.3.19 BinanceAPI::exchangeInfo ()

exchangeInfo Gets the complete exchange info, including limits, currency options etc.

```
$info = $api->exchangeInfo();
```

Returns

array with error message or exchange info array

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 569 of file php-binance-api.php.

4.1.3.20 BinanceAPI::first (array \$array)

first Gets first key of an array

```
$first = $api->first($array);
```

Parameters

<i>\$array</i>	array
----------------	-------

Returns

string key or null

Definition at line 1405 of file php-binance-api.php.

4.1.3.21 BinanceAPI::getProxyUriString ()

getProxyUriString get Uniform Resource Identifier string associated with proxy config

```
$balances = $api->getProxyUriString();
```

Returns

string uri

Definition at line 811 of file php-binance-api.php.

4.1.3.22 BinanceAPI::getRequestCount ()

getRequestCount gets the total number of API calls

```
$apiCount = $api->getRequestCount();
```

Returns

int get the total number of api calls

Definition at line 1511 of file php-binance-api.php.

4.1.3.23 Binance\API::getTransferred ()

getTransferred gets the total transferred in b,Kb,Mb,Gb

```
$transferred = $api->getTransferred();
```

Returns

string showing the total transferred

Definition at line 1491 of file php-binance-api.php.

4.1.3.24 Binance\API::highstock (array \$chart, bool \$include_volume = false)

highstock Converts Chart Data into array for highstock & kline charts

```
$highstock = $api->highstock($chart, $include_volume);
```

Parameters

<i>\$chart</i>	array
<i>\$include_volume</i>	bool for inclusion of volume

Returns

array highchart data

Definition at line 1377 of file php-binance-api.php.

4.1.3.25 Binance\API::history (string \$symbol, int \$limit = 500, int \$fromTraded = 1)

history Get the complete account trade history for all or a specific currency

```
$allHistory = $api->history(); $BNBHistory = $api->history("BNBBTC"); $limitBNBHistory = $api->history("BNBBTC",5); $limitBNBHistoryFromId = $api->history("BNBBTC",5,3);
```

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$limit</i>	int the amount of orders returned
<i>\$fromTraded</i>	int return the orders from this order onwards

Returns

array with error message or array of orderDetails array

Exceptions

<i>\Exception</i>

Definition at line 523 of file php-binance-api.php.

4.1.3.26 BinanceAPI::keepAlive ()

keepAlive Keep-alive function for userDataStream

```
$api->keepAlive();
```

Returns

null

Definition at line 1974 of file php-binance-api.php.

4.1.3.27 BinanceAPI::kline (\$symbols, string \$interval = "30m", callable \$callback)

kline Subscribes to WebSocket endpoint for latest chart data only

```
$api->kline(["BNBBTC"], "15m", function($api, $symbol, $chart) { echo "{$symbol} chart update\n"; print_r($chart); });
```

Parameters

<i>\$symbols</i>	string required symbols
<i>\$interval</i>	string time interval
<i>\$callback</i>	callable closure

Returns

null

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 1916 of file php-binance-api.php.

4.1.3.28 BinanceAPI::last (array \$array)

last Gets last key of an array

```
$last = $api->last($array);
```

Parameters

<i>\$array</i>	array
----------------	-------

Returns

string key or null

Definition at line 1421 of file php-binance-api.php.

4.1.3.29 BinanceAPI::marketBuy (string \$symbol, \$quantity, array \$flags = [])

marketBuy attempts to create a currency order at given market price

```
$quantity = 1; $order = $api->marketBuy("BNBBTC", $quantity);
```


Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$flags</i>	array additional options for order type

Returns

array with error message or the order details

Definition at line 379 of file php-binance-api.php.

4.1.3.30 `Binance\API::marketBuyTest (string $symbol, $quantity, array $flags = [])`

marketBuyTest attempts to create a TEST currency order at given market price

See Also

marketBuy()

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$flags</i>	array additional options for order type

Returns

array with error message or the order details

Definition at line 394 of file php-binance-api.php.

4.1.3.31 `Binance\API::marketSell (string $symbol, $quantity, array $flags = [])`

marketSell attempts to create a currency order at given market price

```
$quantity = 1; $order = $api->marketSell("BNBBTC", $quantity);
```

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$flags</i>	array additional options for order type

Returns

array with error message or the order details

Definition at line 410 of file php-binance-api.php.

4.1.3.32 `Binance\API::marketSellTest (string $symbol, $quantity, array $flags = [])`

marketSellTest attempts to create a TEST currency order at given market price

See Also

marketSellTest()

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$flags</i>	array additional options for order type

Returns

array with error message or the order details

Definition at line 425 of file php-binance-api.php.

4.1.3.33 BinanceAPI::miniTicker (callable \$callback)

miniTicker Get miniTicker for all symbols

```
$api->miniTicker(function($api, $ticker) { print_r($ticker); });
```

Parameters

<i>\$callback</i>	callable function closer that takes 2 arguments, \$pai and \$ticker data
-------------------	--------------------------------------------------------------------------

Returns

null

Definition at line 2071 of file php-binance-api.php.

4.1.3.34 BinanceAPI::openOrders (string \$symbol = null)

openOrders attempts to get open orders for all currencies or a specific currency

```
$allOpenOrders = $api->openOrders(); $allBNBOrders = $api->openOrders( "BNBBTC" );
```

Parameters

<i>\$symbol</i>	string the currency symbol
-----------------	----------------------------

Returns

array with error message or the order details

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 478 of file php-binance-api.php.

4.1.3.35 BinanceAPI::order (string \$side, string \$symbol, \$quantity, \$price, string \$type = "LIMIT", array \$flags = [], bool \$test = false)

order formats the orders before sending them to the curl wrapper function You can call this function directly or use the helper functions

See Also

```
buy()
sell()
marketBuy()
marketSell() $this->httpRequest( "https://api.binance.com/api/v1/ticker/24hr");
```

Parameters

<i>\$side</i>	string typically "BUY" or "SELL"
<i>\$symbol</i>	string to buy or sell
<i>\$quantity</i>	string in the order
<i>\$price</i>	string for the order
<i>\$type</i>	string is determined by the symbol bu typicall LIMIT, STOP_LOSS_LIMIT etc.
<i>\$flags</i>	array additional transaction options
<i>\$test</i>	bool whether to test or not, test only validates the query

Returns

array containing the response

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 990 of file php-binance-api.php.

4.1.3.36 BinanceAPI::orders (string \$symbol, int \$limit = 500, int \$fromOrderId = 1)

orders attempts to get the orders for all or a specific currency

```
$allBNBOrders = $api->orders( "BNBBTC" );
```

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$limit</i>	int the amount of orders returned
<i>\$fromOrderId</i>	string return the orders from this order onwards

Returns

array with error message or array of orderDetails array

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 500 of file php-binance-api.php.

4.1.3.37 BinanceAPI::orderStatus (string \$symbol, \$orderid)

orderStatus attempts to get orders status

```
$orderid = "123456789"; $order = $api->orderStatus("BNBBTC", $orderid);
```

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$orderid</i>	string the orderid to cancel

Returns

array with error message or the order details

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 460 of file php-binance-api.php.

4.1.3.38 **BinanceAPI::prevDay** (*string \$symbol = null*)

prevDay get 24hr ticker price change statistics for symbols

```
$prevDay = $api->prevDay("BNBBTC");
```

Parameters

<i>\$symbol</i>	(optional) symbol to get the previous day change for
-----------------	------------------------------------------------------

Returns

array with error message or array of prevDay change

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 735 of file php-binance-api.php.

4.1.3.39 **BinanceAPI::prices** ()

prices get all the current prices

```
$ticker = $api->prices();
```

Returns

array with error message or array of all the currencies prices

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 695 of file php-binance-api.php.

4.1.3.40 **BinanceAPI::sell** (*string \$symbol, \$quantity, \$price, string \$type = "LIMIT", array \$flags = []*)

sell attempts to create a currency order each currency supports a number of order types, such as -LIMIT -MARKET -STOP_LOSS -STOP_LOSS_LIMIT -TAKE_PROFIT -TAKE_PROFIT_LIMIT -LIMIT_MAKER

You should check the

See Also

exchangeInfo for each currency to determine what types of orders can be placed against specific pairs

```
$quantity = 1; $price = 0.0005; $order = $api->sell("BNBBTC", $quantity, $price);
```

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$price</i>	string price per unit you want to spend
<i>\$type</i>	string type of order
<i>\$flags</i>	array additional options for order type

Returns

array with error message or the order details

Definition at line 346 of file php-binance-api.php.

4.1.3.41 `Binance\API::sellTest (string $symbol, $quantity, $price, string $type = "LIMIT", array $flags = [])`

sellTest attempts to create a TEST currency order

See Also

sell()

Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$price</i>	string price per unit you want to spend
<i>\$type</i>	array config
<i>\$flags</i>	array config

Returns

array with error message or empty or the order details

Definition at line 363 of file php-binance-api.php.

4.1.3.42 `Binance\API::setProxy (array $proxyconf)`

setProxy set proxy config by passing in an array of the proxy configuration

```
$proxyConf = [ 'proto' => 'tcp', 'address' => '192.168.1.1', 'port' => '8080', 'user' => 'dude', 'pass' => 'd00d' ];
```

```
$api->setProxy( $proxyconf );
```

Returns

null

Definition at line 860 of file php-binance-api.php.

4.1.3.43 `Binance\API::sortDepth (string $symbol, int $limit = 11)`

sortDepth Sorts depth data for display & getting highest bid and lowest ask

```
$sorted = $api->sortDepth($symbol, $limit);
```

Parameters

<i>\$symbol</i>	string to sort
<i>\$limit</i>	int depth

Returns

null

Definition at line 1612 of file php-binance-api.php.

4.1.3.44 BinanceAPI::terminate (*\$endpoint*)

terminate Terminates websocket endpoints.

View endpoints first: `print_r($api->subscriptions)`

```
$api->terminate('ethbtc_kline@5m');
```

Returns

null

Definition at line 1961 of file php-binance-api.php.

4.1.3.45 BinanceAPI::ticker (*\$symbol*, callable *\$callback*)

ticker pulls 24h price change statistics via WebSocket

```
$api->ticker(false, function($api, $symbol, $ticker) { print_r($ticker); });
```

Parameters

<i>\$symbol</i>	string optional symbol or false
<i>\$callback</i>	callable closure

Returns

null

Definition at line 1789 of file php-binance-api.php.

4.1.3.46 BinanceAPI::time ()

time Gets the server time

```
$time = $api->time();
```

Returns

array with error message or array with server time key

Exceptions

<i>\Exception</i>

Definition at line 556 of file php-binance-api.php.

4.1.3.47 Binance\API::trades (*\$symbols*, callable *\$callback*)

trades Trades WebSocket Endpoint

```
$api->trades(["BNBBTC"], function($api, $symbol, $trades) { echo "{$symbol} trades update".PHP_EOL; print_r($trades); });
```

Parameters

<i>\$symbols</i>	
<i>\$callback</i>	callable closure

Returns

null

Definition at line 1723 of file php-binance-api.php.

4.1.3.48 Binance\API::userData (& \$balance_callback, & \$execution_callback = false)

userData Issues userDataStream token and keepalive, subscribes to userData WebSocket

```
$balance_update = function($api, $balances) { print_r($balances); echo "Balance update".PHP_EOL; };

$order_update = function($api, $report) { echo "Order update".PHP_EOL; print_r($report); $price = $report['price'];
$quantity = $report['quantity']; $symbol = $report['symbol']; $side = $report['side']; $orderType = $report['order-
Type']; $orderId = $report['orderId']; $orderStatus = $report['orderStatus']; $executionType = $report['orderStatus'];
if( $executionType == "NEW" ) { if( $executionType == "REJECTED" ) { echo "Order Failed! Reason: {"$report['reject-
Reason']}".PHP_EOL; } echo "{$symbol} {$side} {$orderType} ORDER #{ $orderId} ({$orderStatus})".PHP_EOL;
echo "..price: {"$price}, quantity: {"$quantity}".PHP_EOL; return; }

//NEW, CANCELED, REPLACED, REJECTED, TRADE, EXPIRED echo "{$symbol} {$side} {$executionType}
{$orderType} ORDER #{ $orderId}".PHP_EOL; }; $api->userData($balance_update, $order_update);
```

Parameters

	<i>\$balance_ - callback</i>	callable function
bool	<i>\$execution_ - callback</i>	callable function

Returns

null

Exceptions

<i>\Exception</i>

Definition at line 2022 of file php-binance-api.php.

4.1.3.49 Binance\API::useServerTime ()

useServerTime adds the 'useServerTime'=>true to the API request to avoid time errors

```
$api->useServerTime();
```

Returns

null

Exceptions

<i>\Exception</i>

Definition at line 540 of file php-binance-api.php.

4.1.3.50 `Binance\API::withdraw (string $asset, string $address, $amount, $addressTag = null)`

withdraw requests a asset be withdrawn from binance to another wallet

```
$asset = "BTC"; $address = "1C5gqLRs96Xq4V2ZZAR1347yUCpHie7sa"; $amount = 0.2; $response = $api->withdraw($asset, $address, $amount);
```

```
$address = "44tLjmXrQNrWJ5NBsEj2R77ZBEgDa3fEe9GLpSf2FRmhhexPvfYDUAB7EXX1Hdb3aMQ9FLqdJ56ya-AhiXoRsceGJCRS3Jxkn"; $addressTag = "0e5e38a01058dbf64e53a4333a5acf98e0d5feb8e523d32e3186c664a9c762c1"; $amount = 0.1; $response = $api->withdraw($asset, $address, $amount, $addressTag);
```

Parameters

<i>\$asset</i>	string the currency such as BTC
<i>\$address</i>	string the addressed to whihc the asset should be deposited
<i>\$amount</i>	double the amount of the asset to transfer
<i>\$addressTag</i>	string adtional transactionid required by some assets

Returns

array with error message or array transaction

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 594 of file php-binance-api.php.

4.1.3.51 `Binance\API::withdrawFee (string $asset)`

withdrawFee get the withdrawal fee for an asset

```
$withdrawFee = $api->withdrawFee( "BTC" );
```

Parameters

<i>\$asset</i>	string currency such as BTC
----------------	-----------------------------

Returns

array with error message or array containing withdrawFee

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 678 of file php-binance-api.php.

4.1.3.52 `Binance\API::withdrawHistory (string $asset = null, array $params = [])`

withdrawHistory get the withdrawal history for an asset

```
$withdrawHistory = $api->withdrawHistory();
```

```
$withdrawHistory = $api->withdrawHistory( "BTC" );
```

Parameters

<i>\$asset</i>	string empty or the currency such as BTC
<i>\$params</i>	array optional startTime, endTime, status parameters

Returns

array with error message or array deposit history information

Exceptions

<i>\Exception</i>	
-------------------	--

Definition at line 660 of file php-binance-api.php.

4.1.4 Member Data Documentation**4.1.4.1 `Binance\API::$api_key` [protected]**

Definition at line 34 of file php-binance-api.php.

4.1.4.2 `Binance\API::$api_secret` [protected]

Definition at line 35 of file php-binance-api.php.

4.1.4.3 `Binance\API::$base = 'https://api.binance.com/api/'` [protected]

Definition at line 31 of file php-binance-api.php.

4.1.4.4 `Binance\API::$chartQueue = []` [protected]

Definition at line 38 of file php-binance-api.php.

4.1.4.5 `Binance\API::$charts = []` [protected]

Definition at line 39 of file php-binance-api.php.

4.1.4.6 `Binance\API::$curlOpts = []` [protected]

Definition at line 40 of file php-binance-api.php.

4.1.4.7 `Binance\API::$depthCache = []` [protected]

Definition at line 36 of file php-binance-api.php.

4.1.4.8 `Binance\API::$depthQueue = []` [protected]

Definition at line 37 of file php-binance-api.php.

4.1.4.9 `Binance\API::$info` [protected]**Initial value:**

```
= [  
    "timeOffset" => 0
```

Definition at line 41 of file php-binance-api.php.

4.1.4.10 `Binance\API::$proxyConf = null` [protected]

Definition at line 44 of file php-binance-api.php.

4.1.4.11 `Binance\API::$requestCount = 0` [protected]

Definition at line 46 of file php-binance-api.php.

4.1.4.12 `Binance\API::$stream = 'wss://stream.binance.com:9443/ws'` [protected]

Definition at line 33 of file php-binance-api.php.

4.1.4.13 `Binance\API::$transferred = 0` [protected]

Definition at line 45 of file php-binance-api.php.

4.1.4.14 `Binance\API::$wapi = 'https://api.binance.com/wapi'` [protected]

Definition at line 32 of file php-binance-api.php.

Index

- \$api_key
 - Binance::API, [28](#)
- \$api_secret
 - Binance::API, [28](#)
- \$base
 - Binance::API, [28](#)
- \$chartQueue
 - Binance::API, [28](#)
- \$charts
 - Binance::API, [28](#)
- \$curlOpts
 - Binance::API, [28](#)
- \$depthCache
 - Binance::API, [28](#)
- \$depthQueue
 - Binance::API, [28](#)
- \$info
 - Binance::API, [28](#)
- \$proxyConf
 - Binance::API, [29](#)
- \$requestCount
 - Binance::API, [29](#)
- \$stream
 - Binance::API, [29](#)
- \$transferred
 - Binance::API, [29](#)
- \$wapi
 - Binance::API, [29](#)
- __construct
 - Binance::API, [10](#)
- __get
 - Binance::API, [10](#)
- __set
 - Binance::API, [10](#)
- account
 - Binance::API, [10](#)
- addToTransferred
 - Binance::API, [10](#)
- aggTrades
 - Binance::API, [11](#)
- balances
 - Binance::API, [11](#)
- Binance, [5](#)
- Binance::API
 - \$api_key, [28](#)
 - \$api_secret, [28](#)
 - \$base, [28](#)
 - \$chartQueue, [28](#)
 - \$charts, [28](#)
 - \$curlOpts, [28](#)
 - \$depthCache, [28](#)
 - \$depthQueue, [28](#)
 - \$info, [28](#)
 - \$proxyConf, [29](#)
 - \$requestCount, [29](#)
 - \$stream, [29](#)
 - \$transferred, [29](#)
 - \$wapi, [29](#)
 - __construct, [10](#)
 - __get, [10](#)
 - __set, [10](#)
 - account, [10](#)
 - addToTransferred, [10](#)
 - aggTrades, [11](#)
 - balances, [11](#)
 - bookPrices, [11](#)
 - buy, [12](#)
 - buyTest, [12](#)
 - cancel, [12](#)
 - candlesticks, [13](#)
 - chart, [13](#)
 - cumulative, [14](#)
 - depositAddress, [14](#)
 - depositHistory, [14](#)
 - depth, [15](#)
 - depthCache, [15](#)
 - displayDepth, [15](#)
 - exchangeInfo, [16](#)
 - first, [16](#)
 - getProxyUriString, [16](#)
 - getRequestCount, [16](#)
 - getTransferred, [17](#)
 - highstock, [17](#)
 - history, [17](#)
 - keepAlive, [17](#)
 - kline, [18](#)
 - last, [18](#)
 - marketBuy, [18](#)
 - marketBuyTest, [19](#)
 - marketSell, [19](#)
 - marketSellTest, [19](#)
 - miniTicker, [20](#)
 - openOrders, [20](#)
 - order, [20](#)
 - orderStatus, [21](#)
 - orders, [21](#)
 - prevDay, [22](#)

- prices, [22](#)
- sell, [22](#)
- sellTest, [23](#)
- setProxy, [23](#)
- sortDepth, [23](#)
- terminate, [24](#)
- ticker, [24](#)
- time, [24](#)
- trades, [24](#)
- useServerTime, [26](#)
- userData, [26](#)
- withdraw, [26](#)
- withdrawFee, [27](#)
- withdrawHistory, [27](#)
- Binance\API, [7](#)
- bookPrices
 - Binance::API, [11](#)
- buy
 - Binance::API, [12](#)
- buyTest
 - Binance::API, [12](#)
- cancel
 - Binance::API, [12](#)
- candlesticks
 - Binance::API, [13](#)
- chart
 - Binance::API, [13](#)
- cumulative
 - Binance::API, [14](#)
- depositAddress
 - Binance::API, [14](#)
- depositHistory
 - Binance::API, [14](#)
- depth
 - Binance::API, [15](#)
- depthCache
 - Binance::API, [15](#)
- displayDepth
 - Binance::API, [15](#)
- exchangeInfo
 - Binance::API, [16](#)
- first
 - Binance::API, [16](#)
- getProxyUriString
 - Binance::API, [16](#)
- getRequestCount
 - Binance::API, [16](#)
- getTransferred
 - Binance::API, [17](#)
- highstock
 - Binance::API, [17](#)
- history
 - Binance::API, [17](#)
- keepAlive
 - Binance::API, [17](#)
- kline
 - Binance::API, [18](#)
- last
 - Binance::API, [18](#)
- marketBuy
 - Binance::API, [18](#)
- marketBuyTest
 - Binance::API, [19](#)
- marketSell
 - Binance::API, [19](#)
- marketSellTest
 - Binance::API, [19](#)
- miniTicker
 - Binance::API, [20](#)
- openOrders
 - Binance::API, [20](#)
- order
 - Binance::API, [20](#)
- orderStatus
 - Binance::API, [21](#)
- orders
 - Binance::API, [21](#)
- prevDay
 - Binance::API, [22](#)
- prices
 - Binance::API, [22](#)
- sell
 - Binance::API, [22](#)
- sellTest
 - Binance::API, [23](#)
- setProxy
 - Binance::API, [23](#)
- sortDepth
 - Binance::API, [23](#)
- terminate
 - Binance::API, [24](#)
- ticker
 - Binance::API, [24](#)
- time
 - Binance::API, [24](#)
- trades
 - Binance::API, [24](#)
- useServerTime
 - Binance::API, [26](#)
- userData
 - Binance::API, [26](#)
- withdraw
 - Binance::API, [26](#)
- withdrawFee
 - Binance::API, [27](#)

withdrawHistory
 Binance::API, [27](#)