

PHP Binance Api

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Chapter 1

Namespace Index

1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

Binance	5
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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** (string \$api_key= "", string \$api_secret= "", array \$options=["useServerTime"=>false], array \$proxyConf=null)
Constructor for the class, There are 4 ways to construct the class:
- **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)
 - depositAddress* get the deposit history for an asset
- [withdrawHistory](#) (string \$asset=null)
 - withdrawHistory* get the withdrawal history 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)
 - 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 assocaited 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 candel 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 transfered in b,Kb,Mb,Gb
- [getRequestCount](#) ()

- getRequestCount gets the total number of API calls*

 - **addToTransferred** (int \$int)
addToTransferred add interger 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 lastUpdateId.
- **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
- **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

Public Attributes

- **\$httpDebug** = false
- **\$subscriptions** = []
- **\$balances** = []
- **\$btc_value** = 0.00
- **\$btc_total** = 0.00

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** = []
- **\$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 23 of file php-binance-api.php.

4.1.2 Constructor & Destructor Documentation

4.1.2.1 `Binance\API::__construct (string $api_key = "", string $api_secret = "", array $options = ["useServerTime"=, false], array $proxyConf = null)`

Constructor for the class, There are 4 ways to construct the class:

- You can use the config file in `~/jaggedsoft/php-binance-api.json` and empty constructor
- `new Binance\API($api_key, $api_secret);`
- `new Binance\API($api_key, $api_secret, $options);`
- `new Binance\API($api_key, $api_secret, $options, $proxyConf);`

Parameters

<i>\$api_key</i>	string api key
<i>\$api_secret</i>	string api secret
<i>\$options</i>	array additional configuration options
<i>\$proxyConf</i>	array config

Returns

null

Definition at line 60 of file `php-binance-api.php`.

4.1.3 Member Function Documentation

4.1.3.1 `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

Definition at line 510 of file `php-binance-api.php`.

4.1.3.2 `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 1255 of file `php-binance-api.php`.

4.1.3.3 `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

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

4.1.3.4 `Binance\API::balances ($priceData = false)`

balances get balances for the account assets

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

Parameters

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

Returns

array with error message or array of balances

Definition at line 576 of file php-binance-api.php.

4.1.3.5 `Binance\API::bookPrices ()`

bookPrices get all bid/asks prices

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

Returns

array with error message or array of all the book prices

Definition at line 499 of file php-binance-api.php.

4.1.3.6 `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 143 of file php-binance-api.php.

4.1.3.7 `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>	array config
<i>\$flags</i>	array config

Returns

array with error message or empty or the order details

Definition at line 159 of file php-binance-api.php.

4.1.3.8 `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

Definition at line 276 of file php-binance-api.php.

4.1.3.9 `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

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

4.1.3.10 **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

Definition at line 1542 of file php-binance-api.php.

4.1.3.11 **Binance\API::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 1085 of file php-binance-api.php.

4.1.3.12 **Binance\API::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

Definition at line 433 of file php-binance-api.php.

4.1.3.13 `BinanceAPI::depositHistory (string $asset = null)`

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
----------------	------------------------------------------

Returns

array with error message or array deposit history information

Definition at line 451 of file php-binance-api.php.

4.1.3.14 `BinanceAPI::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

Definition at line 554 of file php-binance-api.php.

4.1.3.15 `BinanceAPI::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 = $api->sort-Depth($symbol, $limit); $bid = $api->first($sorted['bids']); $ask = $api->first($sorted['asks']); echo $api->display-Depth($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 1366 of file php-binance-api.php.

4.1.3.16 `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 1174 of file php-binance-api.php.

4.1.3.17 `Binance\API::exchangeInfo ()`

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

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

Returns

array with error message or exchange info array

Definition at line 388 of file php-binance-api.php.

4.1.3.18 `Binance\API::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 1144 of file php-binance-api.php.

4.1.3.19 `Binance\API::getProxyUriString ()`

getProxyUriString get Uniform Resource Identifier string associated with proxy config

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

Returns

string uri

Definition at line 589 of file php-binance-api.php.

4.1.3.20 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 1243 of file php-binance-api.php.

4.1.3.21 BinanceAPI::getTransferred ()

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

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

Returns

string showing the total transferred

Definition at line 1224 of file php-binance-api.php.

4.1.3.22 BinanceAPI::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 1119 of file php-binance-api.php.

4.1.3.23 BinanceAPI::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>\$fromTradeId</i>	int return the orders from this order onwards

Returns

array with error message or array of orderDetails array

Definition at line 350 of file php-binance-api.php.

4.1.3.24 Binance\API::keepAlive ()

keepAlive Keep-alive function for userDataStream

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

Returns

null

Definition at line 1617 of file php-binance-api.php.

4.1.3.25 Binance\API::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 1159 of file php-binance-api.php.

4.1.3.26 Binance\API::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 219 of file php-binance-api.php.

4.1.3.27 `BinanceAPI::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 233 of file `php-binance-api.php`.

4.1.3.28 `BinanceAPI::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 248 of file `php-binance-api.php`.

4.1.3.29 `BinanceAPI::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 262 of file `php-binance-api.php`.

4.1.3.30 Binance\API::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 1712 of file php-binance-api.php.

4.1.3.31 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

Definition at line 309 of file php-binance-api.php.

4.1.3.32 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

Definition at line 753 of file php-binance-api.php.

4.1.3.33 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

Definition at line 329 of file php-binance-api.php.

4.1.3.34 Binance\API::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

Definition at line 293 of file php-binance-api.php.

4.1.3.35 Binance\API::prevDay (string \$symbol)

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

Definition at line 522 of file php-binance-api.php.

4.1.3.36 Binance\API::prices ()

prices get all the current prices

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

Returns

array with error message or array of all the currencies prices

Definition at line 488 of file php-binance-api.php.

4.1.3.37 `Binance\API::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 188 of file `php-binance-api.php`.

4.1.3.38 `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 204 of file `php-binance-api.php`.

4.1.3.39 `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 637 of file `php-binance-api.php`.

4.1.3.40 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 1334 of file php-binance-api.php.

4.1.3.41 Binance\API::terminate (*\$endpoint*)

terminate Terminates websocket endpoints.

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

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

Returns

null

Definition at line 1605 of file php-binance-api.php.

4.1.3.42 Binance\API::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 1495 of file php-binance-api.php.

4.1.3.43 Binance\API::time ()

time Gets the server time

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

Returns

array with error message or array with server time key

Definition at line 377 of file php-binance-api.php.

4.1.3.44 `BinanceAPI::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>\$symbol</i>	string optional symbol
<i>\$callback</i>	callable closure

Returns

null

Definition at line 1434 of file php-binance-api.php.

4.1.3.45 `BinanceAPI::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['orderType']; $orderId = $report['orderId']; $orderStatus = $report['orderStatus']; $executionType = $report['orderStatus'];
if( $executionType == "NEW" ) { if( $executionType == "REJECTED" ) { echo "Order Failed! Reason: {$report['rejectReason']}".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
<i>\$execution_callback</i>	callable function

Returns

null

Definition at line 1663 of file php-binance-api.php.

4.1.3.46 `BinanceAPI::useServerTime ()`

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

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

Returns

null

Definition at line 365 of file php-binance-api.php.

4.1.3.47 `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 = "44tLjmXrQNrWJ5NBsEj2R77ZBEgDa3fEe9GLpSf2FRmhexPvfYDUAB7EXX1Hdb3aMQ9FLqdJ56ya-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

Definition at line 411 of file php-binance-api.php.

4.1.3.48 `Binance\API::withdrawHistory (string $asset = null)`

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
----------------	------------------------------------------

Returns

array with error message or array deposit history information

Definition at line 471 of file php-binance-api.php.

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

Definition at line 27 of file php-binance-api.php.

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

Definition at line 28 of file php-binance-api.php.

4.1.4.3 `Binance\API::$balances = []`

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

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

Definition at line 24 of file php-binance-api.php.

4.1.4.5 `Binance\API::$btc_total = 0.00`

Definition at line 43 of file php-binance-api.php.

4.1.4.6 `Binance\API::$btc_value = 0.00`

Definition at line 42 of file php-binance-api.php.

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

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

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

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

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

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

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

Definition at line 30 of file php-binance-api.php.

4.1.4.11 `Binance\API::$httpDebug = false`

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

4.1.4.12 `Binance\API::$info` `[protected]`

Initial value:

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

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

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

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

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

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

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

Definition at line 26 of file php-binance-api.php.

4.1.4.16 `Binance\API::$subscriptions = []`

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

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

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

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

Definition at line 25 of file `php-binance-api.php`.

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