

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** (\$api_key= "", \$api_secret= "", \$options=["useServerTime"=>false], \$proxyConf=null)
Constructor for the class, There are 4 ways to construct the class:
- **buy** (\$symbol, \$quantity, \$price, \$type="LIMIT", \$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** (\$symbol, \$quantity, \$price, \$type="LIMIT", \$flags=[])
buyTest attempts to create a TEST currency order
- **sell** (\$symbol, \$quantity, \$price, \$type="LIMIT", \$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** (\$symbol, \$quantity, \$price, \$type="LIMIT", \$flags=[])
sellTest attempts to create a TEST currency order
- **marketBuy** (\$symbol, \$quantity, \$flags=[])
marketBuy attempts to create a currency order at given market price
- **marketBuyTest** (\$symbol, \$quantity, \$flags=[])
marketBuyTest attempts to create a TEST currency order at given market price
- **marketSell** (\$symbol, \$quantity, \$flags=[])
marketSell attempts to create a currency order at given market price
- **marketSellTest** (\$symbol, \$quantity, \$flags=[])
marketSellTest attempts to create a TEST currency order at given market price
- **cancel** (\$symbol, \$orderid)
cancel attempts to cancel a currency order
- **orderStatus** (\$symbol, \$orderid)
orderStatus attempts to get orders status
- **openOrders** (\$symbol=null)
openOrders attempts to get open orders for all currencies or a specific currency
- **orders** (\$symbol, \$limit=500, \$fromOrderId=1)
orders attempts to get the orders for all or a specific currency
- **history** (\$symbol, \$limit=500, \$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](#) (\$asset, \$address, \$amount, \$addressTag=false)
withdraw requests a asset be withdrawn from binance to another wallet
- [depositAddress](#) (\$asset)
depositAddress get the deposit address for an asset
- [depositHistory](#) (\$asset=false)
depositAddress get the deposit history for an asset
- [withdrawHistory](#) (\$asset=false)
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](#) (\$symbol)
prevDay get 24hr ticker price change statistics for a symbol
- [aggTrades](#) (\$symbol)
aggTrades get Market History / Aggregate Trades
- [depth](#) (\$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](#) (\$proxyconf)
setProxy set proxy config by passing in an array of the proxy configuration
- [order](#) (\$side, \$symbol, \$quantity, \$price, \$type="LIMIT", \$flags=[], \$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](#) (\$symbol, \$interval="5m", \$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](#) (\$depth)
cumulative Converts depth cache into a cumulative array
- [highstock](#) (\$chart, \$include_volume=false)
highstock Converts Chart Data into array for highstock & kline charts
- [first](#) (\$array)
first Gets first key of an array
- [last](#) (\$array)
last Gets last key of an array
- [displayDepth](#) (\$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)
addToTransferred add interger bytes to the total transfered also incrementes the api counter
- **sortDepth** (\$symbol, \$limit=11)
sortDepth Sorts depth data for display & getting highest bid and lowest ask
- **depthCache** (\$symbols, \$callback)
depthCache Pulls /depth data and subscribes to WebSocket endpoint Maintains a local Depth Cache in sync via lastUpdateId.
- **trades** (\$symbols, \$callback)
trades Trades WebSocket Endpoint
- **ticker** (\$symbol, \$callback)
ticker pulls 24h price change statistics via WebSocket
- **chart** (\$symbols, \$interval="30m", \$callback)
chart Pulls /kline data and subscribes to WebSocket endpoint
- **keepAlive** ()
keepAlive Keep-alive function for userDataStream
- **userData** (&\$balance_callback, &\$execution_callback=false)
userData Issues userDataStream token and keepalive, subscribes to userData WebSocket
- **miniTicker** (\$callback)
miniTicker Get miniTicker for all symbols

Public Attributes

- **\$httpDebug** = false
If you enable this, curl will output debugging information.
- **\$balances** = []
binace balances from the last run
- **\$btc_value** = 0.00
value of available assets
- **\$btc_total** = 0.00
value of available + onOrder assets

Protected Attributes

- **\$base** = "https://api.binance.com/api/"
REST endpoint for the currency exchange.
- **\$wapi** = "https://api.binance.com/wapi/"
REST endpoint for the withdrawals.
- **\$api_key**
API key that you created in the binance website member area.
- **\$api_secret**
API secret that was given to you when you created the api key.
- **\$depthCache** = []
Websockets depth cache.
- **\$depthQueue** = []
Websockets depth queue.
- **\$chartQueue** = []
Websockets chart queue.
- **\$charts** = []
Websockets chart data.
- **\$info** = ["timeOffset">0]

Additional connection options.

- `$proxyConf = null`

Used for story the proxy configuration.

- `$transferred = 0`

This stores the amount of bytes transferred.

- `$requestCount = 0`

This stores the amount of API requests.

4.1.1 Detailed Description

Main Binance class.

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

Definition at line 20 of file php-binance-api.php.

4.1.2 Constructor & Destructor Documentation

4.1.2.1 `Binance\API::__construct ($api_key = "", $api_secret = "", $options = ["useServerTime"=, false], $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

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

Returns

nothing

Definition at line 51 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 468 of file php-binance-api.php.

4.1.3.2 Binance\API::addToTransferred (*\$int*)

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

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

Returns

nothing

Definition at line 1134 of file php-binance-api.php.

4.1.3.3 Binance\API::aggTrades (*\$symbol*)

aggTrades get Market History / Aggregate Trades

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

Parameters

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

Returns

array with error message or array of market history

Definition at line 492 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 524 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 457 of file php-binance-api.php.

4.1.3.6 `Binance\API::buy ($symbol, $quantity, $price, $type = "LIMIT", $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>	the currency symbol
<i>\$quantity</i>	the quantity required
<i>\$price</i>	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 125 of file php-binance-api.php.

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

buyTest attempts to create a TEST currency order

See Also

buy()

Parameters

<i>\$symbol</i>	the currency symbol
<i>\$quantity</i>	the quantity required
<i>\$price</i>	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 140 of file php-binance-api.php.

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

cancel attempts to cancel a currency order

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

Parameters

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

Returns

array with error message or the order details

Definition at line 254 of file php-binance-api.php.

4.1.3.9 `Binance\API::candlesticks ($symbol, $interval = "5m", $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>	to query
<i>\$interval</i>	to request
<i>\$limit</i>	limit the amount of candles
<i>\$startTime</i>	request candle information starting from here
<i>\$endTime</i>	request candle information ending here

Returns

array containing the response

Definition at line 744 of file php-binance-api.php.

4.1.3.10 `Binance\API::chart ($symbols, $interval = "30m", $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>	required symbols
<i>\$interval</i>	time interval
<i>\$callback</i>	closure

Returns

nothing

Definition at line 1361 of file php-binance-api.php.

4.1.3.11 `Binance\API::cumulative ($depth)`

cumulative Converts depth cache into a cumulative array

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

Parameters

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

Returns

array cumulative depth cache

Definition at line 988 of file php-binance-api.php.

4.1.3.12 `BinanceAPI::depositAddress ($asset)`

depositAddress get the deposit address for an asset

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

Parameters

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

Returns

array with error message or array deposit address information

Definition at line 392 of file php-binance-api.php.

4.1.3.13 `BinanceAPI::depositHistory ($asset = false)`

depositAddress get the deposit history for an asset

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

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

Parameters

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

Returns

array with error message or array deposit history information

Definition at line 407 of file php-binance-api.php.

4.1.3.14 `BinanceAPI::depth ($symbol)`

depth get Market depth

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

Parameters

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

Returns

array with error message or array of market depth

Definition at line 504 of file php-binance-api.php.

4.1.3.15 `Binance\API::depthCache ($symbols, $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>	optional array of symbols
<i>\$callback</i>	closure

Returns

nothing

Definition at line 1231 of file `php-binance-api.php`.

4.1.3.16 `Binance\API::displayDepth ($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 1066 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 350 of file `php-binance-api.php`.

4.1.3.18 `Binance\API::first ($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 1036 of file php-binance-api.php.

4.1.3.19 `BinanceAPI::getProxyUriString ()`

getProxyUriString get Uniform Resource Identifier string associated with proxy config

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

Returns

string uri

Definition at line 535 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 1122 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 1109 of file php-binance-api.php.

4.1.3.22 `BinanceAPI::highstock ($chart, $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 1012 of file php-binance-api.php.

4.1.3.23 Binance\API::history (*\$symbol*, *\$limit* = 500, *\$fromTradeId* = 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>	the currency symbol
<i>\$limit</i>	the amount of orders returned
<i>\$fromTradeId</i>	return the orders from this order onwards

Returns

array with error message or array of orderDetails array

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

4.1.3.24 Binance\API::keepAlive ()

keepAlive Keep-alive function for userDataStream

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

Returns

nothing

Definition at line 1411 of file php-binance-api.php.

4.1.3.25 Binance\API::last (*\$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 1051 of file php-binance-api.php.

4.1.3.26 Binance\API::marketBuy (*\$symbol*, *\$quantity*, *\$flags* = [])

marketBuy attempts to create a currency order at given market price

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

Parameters

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

Returns

array with error message or the order details

Definition at line 199 of file php-binance-api.php.

4.1.3.27 `BinanceAPI::marketBuyTest ($symbol, $quantity, $flags = [])`

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

See Also

marketBuy()

Parameters

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

Returns

array with error message or the order details

Definition at line 212 of file php-binance-api.php.

4.1.3.28 `BinanceAPI::marketSell ($symbol, $quantity, $flags = [])`

marketSell attempts to create a currency order at given market price

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

Parameters

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

Returns

array with error message or the order details

Definition at line 227 of file php-binance-api.php.

4.1.3.29 `BinanceAPI::marketSellTest ($symbol, $quantity, $flags = [])`

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

See Also

marketSellTest()

Parameters

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

Returns

array with error message or the order details

Definition at line 240 of file php-binance-api.php.

4.1.3.30 `Binance\API::miniTicker ($callback)`

miniTicker Get miniTicker for all symbols

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

Parameters

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

Returns

nothing

Definition at line 1493 of file php-binance-api.php.

4.1.3.31 `Binance\API::openOrders ($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>	the currency symbol
-----------------	---------------------

Returns

array with error message or the order details

Definition at line 281 of file php-binance-api.php.

4.1.3.32 `Binance\API::order ($side, $symbol, $quantity, $price, $type = "LIMIT", $flags = [], $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>	typically "BUY" or "SELL"
<i>\$symbol</i>	to buy or sell
<i>\$quantity</i>	in the order
<i>\$price</i>	for the order
<i>\$type</i>	is determined by the symbol bu typicall LIMIT, STOP_LOSS_LIMIT etc.
<i>\$flags</i>	additional transaction options
<i>\$test</i>	whether to test or not, test only validates the query

Returns

array containing the response

Definition at line 706 of file php-binance-api.php.

4.1.3.33 **BinanceAPI::orders (*\$symbol*, *\$limit* = 500, *\$fromOrderId* = 1)**

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

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

Parameters

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

Returns

array with error message or array of orderDetails array

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

4.1.3.34 **BinanceAPI::orderStatus (*\$symbol*, *\$orderid*)**

orderStatus attempts to get orders status

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

Parameters

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

Returns

array with error message or the order details

Definition at line 268 of file php-binance-api.php.

4.1.3.35 **BinanceAPI::prevDay (*\$symbol*)**

prevDay get 24hr ticker price change statistics for a symbol

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

Parameters

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

Returns

array with error message or array of prevDay change

Definition at line 480 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 446 of file php-binance-api.php.

4.1.3.37 **Binance\API::sell (\$symbol, \$quantity, \$price, \$type = "LIMIT", \$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>	the currency symbol
<i>\$quantity</i>	the quantity required
<i>\$price</i>	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 169 of file php-binance-api.php.

4.1.3.38 **Binance\API::sellTest (\$symbol, \$quantity, \$price, \$type = "LIMIT", \$flags = [])**

sellTest attempts to create a TEST currency order

See Also

sell()

Parameters

<i>\$symbol</i>	the currency symbol
<i>\$quantity</i>	the quantity required
<i>\$price</i>	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 184 of file php-binance-api.php.

4.1.3.39 BinanceAPI::setProxy (\$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

nothing

Definition at line 577 of file php-binance-api.php.

4.1.3.40 BinanceAPI::sortDepth (\$symbol, \$limit = 11)

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

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

Parameters

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

Returns

nothing

Definition at line 1203 of file php-binance-api.php.

4.1.3.41 BinanceAPI::ticker (\$symbol, \$callback)

ticker pulls 24h price change statistics via WebSocket

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

Parameters

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

Returns

nothing

Definition at line 1325 of file php-binance-api.php.

4.1.3.42 `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 339 of file php-binance-api.php.

4.1.3.43 `Binance\API::trades ($symbols, $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>	optional symbol
<i>\$callback</i>	closure

Returns

nothing

Definition at line 1282 of file php-binance-api.php.

4.1.3.44 `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>	function
<i>\$execution_ - callback</i>	function

Returns

nothing

Definition at line 1457 of file php-binance-api.php.

4.1.3.45 `Binance\API::useServerTime ()`

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

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

Returns

nothing

Definition at line 327 of file `php-binance-api.php`.

4.1.3.46 `Binance\API::withdraw ($asset, $address, $amount, $addressTag = false)`

`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

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

Returns

array with error message or array transaction

Definition at line 373 of file `php-binance-api.php`.

4.1.3.47 `Binance\API::withdrawHistory ($asset = false)`

`withdrawHistory` get the withdrawal history for an asset

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

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

Parameters

<code>\$asset</code>	empty or the currency such as BTC
----------------------	-----------------------------------

Returns

array with error message or array deposit history information

Definition at line 428 of file `php-binance-api.php`.

4.1.4 Member Data Documentation

4.1.4.1 `Binance\API::$api_key` [protected]

API key that you created in the binance website member area.

Definition at line 23 of file `php-binance-api.php`.

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

API secret that was given to you when you created the api key.

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

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

binace balances from the last run

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

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

REST endpoint for the currency exchange.

Definition at line 21 of file `php-binance-api.php`.

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

value of available + onOrder assets

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

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

value of available assets

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

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

Websockets chart queue.

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

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

Websockets chart data.

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

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

Websockets depth cache.

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

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

Websockets depth queue.

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

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

If you enable this, curl will output debugging information.

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

4.1.4.12 `Binance\API::$info = ["timeOffset">0]` `[protected]`

Additional connection options.

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

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

Used for store the proxy configuration.

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

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

This stores the amount of API requests.

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

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

This stores the amount of bytes transferred.

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

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

REST endpoint for the withdrawals.

Definition at line 22 of file `php-binance-api.php`.

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