

PHP Binance Api

Generated by Doxygen 1.8.6

Thu Mar 29 2018 22:14:20

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	10
4.1.2	Constructor & Destructor Documentation	10
4.1.2.1	__construct	10
4.1.3	Member Function Documentation	10
4.1.3.1	account	10
4.1.3.2	addToTransferred	11
4.1.3.3	aggTrades	11
4.1.3.4	balances	11
4.1.3.5	bookPrices	11
4.1.3.6	buy	12
4.1.3.7	buyTest	12
4.1.3.8	cancel	12
4.1.3.9	candlesticks	13
4.1.3.10	chart	13
4.1.3.11	cumulative	13
4.1.3.12	depositAddress	14
4.1.3.13	depositHistory	14
4.1.3.14	depth	14
4.1.3.15	depthCache	15
4.1.3.16	displayDepth	15
4.1.3.17	exchangeInfo	15

4.1.3.18	first	15
4.1.3.19	getProxyUriString	16
4.1.3.20	getRequestCount	16
4.1.3.21	getTransferred	16
4.1.3.22	highstock	16
4.1.3.23	history	17
4.1.3.24	keepAlive	17
4.1.3.25	last	17
4.1.3.26	marketBuy	17
4.1.3.27	marketBuyTest	18
4.1.3.28	marketSell	18
4.1.3.29	marketSellTest	18
4.1.3.30	miniTicker	19
4.1.3.31	openOrders	19
4.1.3.32	order	19
4.1.3.33	orders	20
4.1.3.34	orderStatus	20
4.1.3.35	prevDay	20
4.1.3.36	prices	21
4.1.3.37	sell	21
4.1.3.38	sellTest	21
4.1.3.39	setProxy	22
4.1.3.40	sortDepth	22
4.1.3.41	ticker	22
4.1.3.42	time	23
4.1.3.43	trades	23
4.1.3.44	userData	23
4.1.3.45	useServerTime	24
4.1.3.46	withdraw	24
4.1.3.47	withdrawHistory	24
4.1.4	Member Data Documentation	24
4.1.4.1	\$api_key	24
4.1.4.2	\$api_secret	25
4.1.4.3	\$balances	25
4.1.4.4	\$base	25
4.1.4.5	\$btc_total	25
4.1.4.6	\$btc_value	25
4.1.4.7	\$chartQueue	25
4.1.4.8	\$charts	25
4.1.4.9	\$depthCache	25

4.1.4.10	\$depthQueue	25
4.1.4.11	\$httpDebug	26
4.1.4.12	\$info	26
4.1.4.13	\$proxyConf	26
4.1.4.14	\$requestCount	26
4.1.4.15	\$transferred	26
4.1.4.16	\$wapi	26
 Index		 27

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** (\$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 assocaited 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 cancles 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 transfered 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 1191 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 784 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 1418 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 1045 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 1288 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 1123 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 1093 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 1179 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 1166 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 1069 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 1468 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 1108 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 1550 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 `BinanceAPI::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 `BinanceAPI::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 `BinanceAPI::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 1260 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 1382 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 1339 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 1514 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 story 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`.

Index

\$api_key
 Binance::API, 24
\$api_secret
 Binance::API, 24
\$balances
 Binance::API, 25
\$base
 Binance::API, 25
\$btc_total
 Binance::API, 25
\$btc_value
 Binance::API, 25
\$chartQueue
 Binance::API, 25
\$charts
 Binance::API, 25
\$depthCache
 Binance::API, 25
\$depthQueue
 Binance::API, 25
\$httpDebug
 Binance::API, 25
\$info
 Binance::API, 26
\$proxyConf
 Binance::API, 26
\$requestCount
 Binance::API, 26
\$transferred
 Binance::API, 26
\$wapi
 Binance::API, 26
__construct
 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, 24
 \$api_secret, 24
 \$balances, 25
 \$base, 25
 \$btc_total, 25
 \$btc_value, 25
 \$chartQueue, 25
 \$charts, 25
 \$depthCache, 25
 \$depthQueue, 25
 \$httpDebug, 25
 \$info, 26
 \$proxyConf, 26
 \$requestCount, 26
 \$transferred, 26
 \$wapi, 26
 __construct, 10
 account, 10
 addToTransferred, 10
 aggTrades, 11
 balances, 11
 bookPrices, 11
 buy, 11
 buyTest, 12
 cancel, 12
 candlesticks, 13
 chart, 13
 cumulative, 13
 depositAddress, 14
 depositHistory, 14
 depth, 14
 depthCache, 14
 displayDepth, 15
 exchangeInfo, 15
 first, 15
 getProxyUriString, 16
 getRequestCount, 16
 getTransferred, 16
 highstock, 16
 history, 17
 keepAlive, 17
 last, 17
 marketBuy, 17
 marketBuyTest, 18
 marketSell, 18
 marketSellTest, 18
 miniTicker, 19
 openOrders, 19
 order, 19
 orderStatus, 20
 orders, 20
 prevDay, 20
 prices, 21

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