

# PHP Binance Api

Generated by Doxygen 1.8.6

Sat Apr 14 2018 17:40:37



# Contents

<b>1</b>	<b>Namespace Index</b>	<b>1</b>
1.1	Namespace List . . . . .	1
<b>2</b>	<b>Class Index</b>	<b>3</b>
2.1	Class List . . . . .	3
<b>3</b>	<b>Namespace Documentation</b>	<b>5</b>
3.1	Binance Namespace Reference . . . . .	5
<b>4</b>	<b>Class Documentation</b>	<b>7</b>
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 . . . . .	10
4.1.3.3	aggTrades . . . . .	10
4.1.3.4	balances . . . . .	11
4.1.3.5	bookPrices . . . . .	11
4.1.3.6	buy . . . . .	11
4.1.3.7	buyTest . . . . .	12
4.1.3.8	cancel . . . . .	12
4.1.3.9	candlesticks . . . . .	13
4.1.3.10	chart . . . . .	14
4.1.3.11	cumulative . . . . .	14
4.1.3.12	depositAddress . . . . .	14
4.1.3.13	depositHistory . . . . .	15
4.1.3.14	depth . . . . .	15
4.1.3.15	depthCache . . . . .	15
4.1.3.16	displayDepth . . . . .	16
4.1.3.17	exchangeInfo . . . . .	16

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

4.1.4.8	\$charts	27
4.1.4.9	\$curlOpts	27
4.1.4.10	\$depthCache	28
4.1.4.11	\$depthQueue	28
4.1.4.12	\$httpDebug	28
4.1.4.13	\$info	28
4.1.4.14	\$proxyConf	28
4.1.4.15	\$requestCount	28
4.1.4.16	\$stream	28
4.1.4.17	\$subscriptions	28
4.1.4.18	\$transferred	28
4.1.4.19	\$wapi	28
<b>Index</b>		<b>29</b>



# Chapter 1

## Namespace Index

### 1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

<a href="#">Binance</a> . . . . .	5
-----------------------------------	---





## Chapter 2

# Class Index

### 2.1 Class List

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

<a href="#">Binance\API</a>	
Main Binance class . . . . .	<a href="#">7</a>



## Chapter 3

# Namespace Documentation

### 3.1 Binance Namespace Reference

#### Classes

- class [API](#)

*Main Binance class.*



## Chapter 4

# Class Documentation

### 4.1 Binance\API Class Reference

Main Binance class.

#### Public Member Functions

- [\\_\\_construct](#) ()  
*Constructor for the class, send as many argument as you want.*
- [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=null)  
*prevDay get 24hr ticker price change statistics for symbols*
- [aggTrades](#) (string \$symbol)  
*aggTrades get Market History / Aggregate Trades*
- [depth](#) (string \$symbol)  
*depth get Market depth*
- [balances](#) (\$priceData=false)  
*balances get balances for the account assets*
- [getProxyUriString](#) ()  
*getProxyUriString get Uniform Resource Identifier string 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 candles for the given intervals 1m,3m,5m,15m,30m,1h,2h,4h,6h,8h,12h,1d,3d,1w,1M*
- [cumulative](#) (array \$depth)  
*cumulative Converts depth cache into a cumulative array*
- [highstock](#) (array \$chart, bool \$include\_volume=false)  
*highstock Converts Chart Data into array for highstock & kline charts*
- [first](#) (array \$array)  
*first Gets first key of an array*
- [last](#) (array \$array)  
*last Gets last key of an array*
- [displayDepth](#) (array \$array)  
*displayDepth Formats nicely for console output*
- [getTransferred](#) ()  
*getTransferred gets the total transferred in b,Kb,Mb,Gb*
- [getRequestCount](#) ()  
*getRequestCount gets the total number of API calls*

- **addToTransferred** (int \$int)  
*addToTransferred add 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*
- **kline** (\$symbols, string \$interval="30m", Callable \$callback)  
*kline Subscribes to WebSocket endpoint for latest chart data only*
- **terminate** (\$endpoint)  
*terminate Terminates websocket endpoints.*
- **keepAlive** ()  
*keepAlive Keep-alive function for userDataStream*
- **userData** (&\$balance\_callback, &\$execution\_callback=false)  
*userData Issues userDataStream token and keepalive, subscribes to userData WebSocket*
- **miniTicker** (Callable \$callback)  
*miniTicker Get miniTicker for all symbols*

## 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** = []
- **\$curlOpts** = []
- **\$info**
- **\$proxyConf** = null
- **\$transferred** = 0
- **\$requestCount** = 0

### 4.1.1 Detailed Description

Main Binance class.

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

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

### 4.1.2 Constructor & Destructor Documentation

#### 4.1.2.1 Binance\API::\_\_construct ( )

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

##### Returns

null

Definition at line 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

##### Exceptions

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

Definition at line 646 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 1403 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

## Exceptions

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

Definition at line 678 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

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

## Returns

array with error message or array of balances

## Exceptions

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

Definition at line 716 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

## Exceptions

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

Definition at line 634 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 264 of file php-binance-api.php.

**4.1.3.7** `BinanceAPI::buyTest ( string $symbol, $quantity, $price, string $type = "LIMIT", array $flags = [] )`

buyTest attempts to create a TEST currency order

**See Also**

buy()

**Parameters**

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

**Returns**

array with error message or empty or the order details

Definition at line 280 of file php-binance-api.php.

**4.1.3.8** `BinanceAPI::cancel ( string $symbol, $orderid )`

cancel attempts to cancel a currency order

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

**Parameters**

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

**Returns**

array with error message or the order details

**Exceptions**

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

Definition at line 398 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

**Exceptions**

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

Definition at line 960 of file php-binance-api.php.

**4.1.3.10 `BinanceAPI::chart ( $symbols, string $interval = "30m", Callable $callback )`**

chart Pulls /kline data and subscribes to WebSocket endpoint

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

**Parameters**

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

**Returns**

null

**Exceptions**

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

Definition at line 1690 of file php-binance-api.php.

**4.1.3.11 `BinanceAPI::cumulative ( array $depth )`**

cumulative Converts depth cache into a cumulative array

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

**Parameters**

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

**Returns**

array cumulative depth cache

Definition at line 1233 of file php-binance-api.php.

**4.1.3.12 `BinanceAPI::depositAddress ( string $asset )`**

depositAddress get the deposit address for an asset

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

## Parameters

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

## Returns

array with error message or array deposit address information

## Exceptions

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

Definition at line 564 of file php-binance-api.php.

4.1.3.13 **Binance\API::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

## Exceptions

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

Definition at line 583 of file php-binance-api.php.

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

depth get Market depth

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

## Parameters

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

## Returns

array with error message or array of market depth

## Exceptions

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

Definition at line 693 of file php-binance-api.php.

4.1.3.15 **Binance\API::depthCache ( *\$symbols*, Callable *\$callback* )**

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

See depth() and depthHandler()

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

**Parameters**

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

**Returns**

null

Definition at line 1512 of file php-binance-api.php.

**4.1.3.16 BinanceAPI::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 1322 of file php-binance-api.php.

**4.1.3.17 BinanceAPI::exchangeInfo ( )**

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

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

**Returns**

array with error message or exchange info array

**Exceptions**

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

Definition at line 517 of file php-binance-api.php.

**4.1.3.18 BinanceAPI::first ( array \$array )**

first Gets first key of an array

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

**Parameters**

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

**Returns**

string key or null

Definition at line 1292 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 729 of file php-binance-api.php.

**4.1.3.20 Binance\API::getRequestCount ( )**

getRequestCount gets the total number of API calls

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

**Returns**

int get the total number of api calls

Definition at line 1391 of file php-binance-api.php.

**4.1.3.21 Binance\API::getTransferred ( )**

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

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

**Returns**

string showing the total transferred

Definition at line 1372 of file php-binance-api.php.

**4.1.3.22 Binance\API::highstock ( array \$chart, bool \$include\_volume = false )**

highstock Converts Chart Data into array for highstock & kline charts

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

**Parameters**

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

**Returns**

array highchart data

Definition at line 1267 of file php-binance-api.php.

#### 4.1.3.23 `BinanceAPI::history ( string $symbol, int $limit = 500, int $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>	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

##### Exceptions

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

Definition at line 476 of file php-binance-api.php.

#### 4.1.3.24 `BinanceAPI::keepAlive ( )`

keepAlive Keep-alive function for userDataStream

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

##### Returns

null

Definition at line 1812 of file php-binance-api.php.

#### 4.1.3.25 `BinanceAPI::kline ( $symbols, string $interval = "30m", Callable $callback )`

kline Subscribes to WebSocket endpoint for latest chart data only

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

##### Parameters

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

##### Returns

null

##### Exceptions

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

Definition at line 1758 of file php-binance-api.php.

#### 4.1.3.26 `BinanceAPI::last ( array $array )`

last Gets last key of an array

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



## Parameters

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

## Returns

string key or null

Definition at line 1307 of file php-binance-api.php.

**4.1.3.27** `BinanceAPI::marketBuy ( string $symbol, $quantity, array $flags = [ ] )`

marketBuy attempts to create a currency order at given market price

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

## Parameters

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

## Returns

array with error message or the order details

Definition at line 340 of file php-binance-api.php.

**4.1.3.28** `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 354 of file php-binance-api.php.

**4.1.3.29** `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 369 of file php-binance-api.php.

#### 4.1.3.30 **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 383 of file php-binance-api.php.

#### 4.1.3.31 **BinanceAPI::miniTicker** ( Callable *\$callback* )

miniTicker Get miniTicker for all symbols

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

**Parameters**

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

**Returns**

null

Definition at line 1908 of file php-binance-api.php.

#### 4.1.3.32 **BinanceAPI::openOrders** ( string *\$symbol* = null )

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

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

## Parameters

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

## Returns

array with error message or the order details

## Exceptions

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

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

**4.1.3.33** `Binance\API::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 typical LIMIT, STOP_LOSS_LIMIT etc.
<i>\$flags</i>	array additional transaction options
<i>\$test</i>	bool whether to test or not, test only validates the query

## Returns

array containing the response

## Exceptions

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

Definition at line 901 of file php-binance-api.php.

**4.1.3.34** `Binance\API::orders ( string $symbol, int $limit = 500, int $fromOrderId = 1 )`

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

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

## Parameters

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

**Returns**

array with error message or array of orderDetails array

**Exceptions**

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

Definition at line 454 of file php-binance-api.php.

**4.1.3.35 BinanceAPI::orderStatus ( string \$symbol, \$orderid )**

orderStatus attempts to get orders status

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

**Parameters**

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

**Returns**

array with error message or the order details

**Exceptions**

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

Definition at line 416 of file php-binance-api.php.

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

prevDay get 24hr ticker price change statistics for symbols

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

**Parameters**

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

**Returns**

array with error message or array of prevDay change

**Exceptions**

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

Definition at line 659 of file php-binance-api.php.

**4.1.3.37 BinanceAPI::prices ( )**

prices get all the current prices

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

**Returns**

array with error message or array of all the currencies prices

**Exceptions**

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

Definition at line 622 of file php-binance-api.php.

#### 4.1.3.38 **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 309 of file php-binance-api.php.

#### 4.1.3.39 **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 325 of file php-binance-api.php.

#### 4.1.3.40 `BinanceAPI::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 777 of file php-binance-api.php.

#### 4.1.3.41 `BinanceAPI::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 1480 of file php-binance-api.php.

#### 4.1.3.42 `BinanceAPI::terminate ( $endpoint )`

terminate Terminates websocket endpoints.

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

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

##### Returns

null

Definition at line 1800 of file php-binance-api.php.

#### 4.1.3.43 `BinanceAPI::ticker ( $symbol, Callable $callback )`

ticker pulls 24h price change statistics via WebSocket

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

##### Parameters

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

##### Returns

null

Definition at line 1642 of file php-binance-api.php.

**4.1.3.44** `Binance\API::time ( )`

time Gets the server time

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

**Returns**

array with error message or array with server time key

**Exceptions**

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

Definition at line 505 of file php-binance-api.php.

**4.1.3.45** `Binance\API::trades ( $symbols, Callable $callback )`

trades Trades WebSocket Endpoint

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

**Parameters**

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

**Returns**

null

Definition at line 1581 of file php-binance-api.php.

**4.1.3.46** `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['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
bool	<i>\$execution_callback</i>	callable function

**Returns**

null

## Exceptions

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

Definition at line 1859 of file php-binance-api.php.

4.1.3.47 `Binance\API::useServerTime ( )`

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

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

## Returns

null

## Exceptions

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

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

4.1.3.48 `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

## Exceptions

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

Definition at line 541 of file php-binance-api.php.

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

withdrawHistory get the withdrawal history for an asset

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

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



## Parameters

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

## Returns

array with error message or array deposit history information

## Exceptions

<code>\Exception</code>	
-------------------------	--

Definition at line 604 of file php-binance-api.php.

## 4.1.4 Member Data Documentation

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

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

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

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

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

Definition at line 48 of file php-binance-api.php.

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

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

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

Definition at line 50 of file php-binance-api.php.

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

Definition at line 49 of file php-binance-api.php.

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

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

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

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

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

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

#### 4.1.4.10 `Binance\API::$depthCache = []` [protected]

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

#### 4.1.4.11 `Binance\API::$depthQueue = []` [protected]

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

#### 4.1.4.12 `Binance\API::$httpDebug = false`

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

#### 4.1.4.13 `Binance\API::$info` [protected]

**Initial value:**

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

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

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

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

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

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

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

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

#### 4.1.4.17 `Binance\API::$subscriptions = []`

Definition at line 47 of file php-binance-api.php.

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

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

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

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

# Index

- \$api\_key
  - Binance::API, [27](#)
- \$api\_secret
  - Binance::API, [27](#)
- \$balances
  - Binance::API, [27](#)
- \$base
  - Binance::API, [27](#)
- \$btc\_total
  - Binance::API, [27](#)
- \$btc\_value
  - Binance::API, [27](#)
- \$chartQueue
  - Binance::API, [27](#)
- \$charts
  - Binance::API, [27](#)
- \$curlOpts
  - Binance::API, [27](#)
- \$depthCache
  - Binance::API, [27](#)
- \$depthQueue
  - Binance::API, [28](#)
- \$httpDebug
  - Binance::API, [28](#)
- \$info
  - Binance::API, [28](#)
- \$proxyConf
  - Binance::API, [28](#)
- \$requestCount
  - Binance::API, [28](#)
- \$stream
  - Binance::API, [28](#)
- \$subscriptions
  - Binance::API, [28](#)
- \$transferred
  - Binance::API, [28](#)
- \$wapi
  - Binance::API, [28](#)
- \_\_construct
  - Binance::API, [10](#)
- account
  - Binance::API, [10](#)
- addToTransferred
  - Binance::API, [10](#)
- aggTrades
  - Binance::API, [10](#)
- balances
  - Binance::API, [11](#)

- Binance, [5](#)
- Binance::API
  - \$api\_key, [27](#)
  - \$api\_secret, [27](#)
  - \$balances, [27](#)
  - \$base, [27](#)
  - \$btc\_total, [27](#)
  - \$btc\_value, [27](#)
  - \$chartQueue, [27](#)
  - \$charts, [27](#)
  - \$curlOpts, [27](#)
  - \$depthCache, [27](#)
  - \$depthQueue, [28](#)
  - \$httpDebug, [28](#)
  - \$info, [28](#)
  - \$proxyConf, [28](#)
  - \$requestCount, [28](#)
  - \$stream, [28](#)
  - \$subscriptions, [28](#)
  - \$transferred, [28](#)
  - \$wapi, [28](#)
  - \_\_construct, [10](#)
  - account, [10](#)
  - addToTransferred, [10](#)
  - aggTrades, [10](#)
  - balances, [11](#)
  - bookPrices, [11](#)
  - buy, [11](#)
  - buyTest, [12](#)
  - cancel, [12](#)
  - candlesticks, [12](#)
  - chart, [14](#)
  - cumulative, [14](#)
  - depositAddress, [14](#)
  - depositHistory, [15](#)
  - depth, [15](#)
  - depthCache, [15](#)
  - displayDepth, [16](#)
  - exchangeInfo, [16](#)
  - first, [16](#)
  - getProxyUriString, [17](#)
  - getRequestCount, [17](#)
  - getTransferred, [17](#)
  - highstock, [17](#)
  - history, [17](#)
  - keepAlive, [18](#)
  - kline, [18](#)
  - last, [18](#)
  - marketBuy, [19](#)

- marketBuyTest, [19](#)
- marketSell, [19](#)
- marketSellTest, [20](#)
- miniTicker, [20](#)
- openOrders, [20](#)
- order, [21](#)
- orderStatus, [22](#)
- orders, [21](#)
- prevDay, [22](#)
- prices, [22](#)
- sell, [23](#)
- sellTest, [23](#)
- setProxy, [23](#)
- sortDepth, [24](#)
- terminate, [24](#)
- ticker, [24](#)
- time, [24](#)
- trades, [25](#)
- useServerTime, [26](#)
- userData, [25](#)
- withdraw, [26](#)
- withdrawHistory, [26](#)
- Binance\API, [7](#)
- bookPrices
  - Binance::API, [11](#)
- buy
  - Binance::API, [11](#)
- buyTest
  - Binance::API, [12](#)
- cancel
  - Binance::API, [12](#)
- candlesticks
  - Binance::API, [12](#)
- chart
  - Binance::API, [14](#)
- cumulative
  - Binance::API, [14](#)
- depositAddress
  - Binance::API, [14](#)
- depositHistory
  - Binance::API, [15](#)
- depth
  - Binance::API, [15](#)
- depthCache
  - Binance::API, [15](#)
- displayDepth
  - Binance::API, [16](#)
- exchangeInfo
  - Binance::API, [16](#)
- first
  - Binance::API, [16](#)
- getProxyUriString
  - Binance::API, [17](#)
- getRequestCount
  - Binance::API, [17](#)
- getTransferred
  - Binance::API, [17](#)
- highstock
  - Binance::API, [17](#)
- history
  - Binance::API, [17](#)
- keepAlive
  - Binance::API, [18](#)
- kline
  - Binance::API, [18](#)
- last
  - Binance::API, [18](#)
- marketBuy
  - Binance::API, [19](#)
- marketBuyTest
  - Binance::API, [19](#)
- marketSell
  - Binance::API, [19](#)
- marketSellTest
  - Binance::API, [20](#)
- miniTicker
  - Binance::API, [20](#)
- openOrders
  - Binance::API, [20](#)
- order
  - Binance::API, [21](#)
- orderStatus
  - Binance::API, [22](#)
- orders
  - Binance::API, [21](#)
- prevDay
  - Binance::API, [22](#)
- prices
  - Binance::API, [22](#)
- sell
  - Binance::API, [23](#)
- sellTest
  - Binance::API, [23](#)
- setProxy
  - Binance::API, [23](#)
- sortDepth
  - Binance::API, [24](#)
- terminate
  - Binance::API, [24](#)
- ticker
  - Binance::API, [24](#)
- time
  - Binance::API, [24](#)
- trades
  - Binance::API, [25](#)

useServerTime  
    Binance::API, [26](#)  
userData  
    Binance::API, [25](#)  
  
withdraw  
    Binance::API, [26](#)  
withdrawHistory  
    Binance::API, [26](#)