

# 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:

<a href="#">Binance</a> . . . . .	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](#) ()  
*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 associated with proxy config*
- [setProxy](#) (array \$proxyconf)  
*setProxy set proxy config by passing in an array of the proxy configuration*
- [order](#) (string \$side, string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[], bool \$test=false)  
*order formats the orders before sending them to the curl wrapper function You can call this function directly or use the helper functions*
- [candlesticks](#) (string \$symbol, string \$interval="5m", int \$limit=null, \$startTime=null, \$endTime=null)  
*candlesticks get the candles for the given intervals 1m,3m,5m,15m,30m,1h,2h,4h,6h,8h,12h,1d,3d,1w,1M*
- [cumulative](#) (array \$depth)  
*cumulative Converts depth cache into a cumulative array*
- [highstock](#) (array \$chart, bool \$include\_volume=false)  
*highstock Converts Chart Data into array for highstock & kline charts*
- [first](#) (array \$array)  
*first Gets first key of an array*
- [last](#) (array \$array)  
*last Gets last key of an array*
- [displayDepth](#) (array \$array)  
*displayDepth Formats nicely for console output*
- [getTransferred](#) ()  
*getTransferred gets the total transferred in b,Kb,Mb,Gb*
- [getRequestCount](#) ()  
*getRequestCount gets the total number of API calls*

- **addToTransferred** (int \$int)  
*addToTransferred add 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 647 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 1404 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 679 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 717 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 635 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 265 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 281 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 399 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 961 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 1691 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 1234 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 565 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 584 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 694 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 1513 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 1323 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 518 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 1293 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 730 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 1392 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 1373 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 1268 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 477 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 1813 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 1759 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 1308 of file php-binance-api.php.

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

marketBuy attempts to create a currency order at given market price

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

## Parameters

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

## Returns

array with error message or the order details

Definition at line 341 of file php-binance-api.php.

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

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

## See Also

marketBuy()

## Parameters

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

## Returns

array with error message or the order details

Definition at line 355 of file php-binance-api.php.

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

marketSell attempts to create a currency order at given market price

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

**Parameters**

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

**Returns**

array with error message or the order details

Definition at line 370 of file php-binance-api.php.

#### 4.1.3.30 **Binance\API::marketSellTest ( string *\$symbol*, *\$quantity*, array *\$flags* = [ ] )**

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

**See Also**

marketSellTest()

**Parameters**

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

**Returns**

array with error message or the order details

Definition at line 384 of file php-binance-api.php.

#### 4.1.3.31 **Binance\API::miniTicker ( Callable *\$callback* )**

miniTicker Get miniTicker for all symbols

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

**Parameters**

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

**Returns**

null

Definition at line 1909 of file php-binance-api.php.

#### 4.1.3.32 **Binance\API::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 434 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 902 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 455 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 417 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 660 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 623 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 310 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 326 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 778 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 1481 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 1801 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 1643 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 506 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 1582 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 1860 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 493 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 542 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

<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 605 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.

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