

## PHP Binance Api

Generated by Doxygen 1.8.6

Wed Apr 4 2018 22:17:11



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# Chapter 1

## Namespace Index

### 1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

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## 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** (string \$api\_key= "", string \$api\_secret= "", array \$options=["useServerTime"=>false], array \$proxyConf=null)  
*Constructor for the class, There are 4 ways to construct the class:*
- **buy** (string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[])  
*buy attempts to create a currency order each currency supports a number of order types, such as -LIMIT -MARKET -STOP\_LOSS -STOP\_LOSS\_LIMIT -TAKE\_PROFIT -TAKE\_PROFIT\_LIMIT -LIMIT\_MAKER*
- **buyTest** (string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[])  
*buyTest attempts to create a TEST currency order*
- **sell** (string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[])  
*sell attempts to create a currency order each currency supports a number of order types, such as -LIMIT -MARKET -STOP\_LOSS -STOP\_LOSS\_LIMIT -TAKE\_PROFIT -TAKE\_PROFIT\_LIMIT -LIMIT\_MAKER*
- **sellTest** (string \$symbol, \$quantity, \$price, string \$type="LIMIT", array \$flags=[])  
*sellTest attempts to create a TEST currency order*
- **marketBuy** (string \$symbol, \$quantity, array \$flags=[])  
*marketBuy attempts to create a currency order at given market price*
- **marketBuyTest** (string \$symbol, \$quantity, array \$flags=[])  
*marketBuyTest attempts to create a TEST currency order at given market price*
- **marketSell** (string \$symbol, \$quantity, array \$flags=[])  
*marketSell attempts to create a currency order at given market price*
- **marketSellTest** (string \$symbol, \$quantity, array \$flags=[])  
*marketSellTest attempts to create a TEST currency order at given market price*
- **cancel** (string \$symbol, \$orderid)  
*cancel attempts to cancel a currency order*
- **orderStatus** (string \$symbol, \$orderid)  
*orderStatus attempts to get orders status*
- **openOrders** (string \$symbol=null)  
*openOrders attempts to get open orders for all currencies or a specific currency*
- **orders** (string \$symbol, int \$limit=500, int \$fromOrderId=1)  
*orders attempts to get the orders for all or a specific currency*
- **history** (string \$symbol, int \$limit=500, int \$fromTradeId=1)

- history* Get the complete account trade history for all or a specific currency
- [useServerTime](#) ()
  - useServerTime* adds the 'useServerTime'=>true to the API request to avoid time errors
- [time](#) ()
  - time* Gets the server time
- [exchangeInfo](#) ()
  - exchangeInfo* Gets the complete exchange info, including limits, currency options etc.
- [withdraw](#) (string \$asset, string \$address, \$amount, \$addressTag=null)
  - withdraw* requests a asset be withdrawn from binance to another wallet
- [depositAddress](#) (string \$asset)
  - depositAddress* get the deposit address for an asset
- [depositHistory](#) (string \$asset=null)
  - depositAddress* get the deposit history for an asset
- [withdrawHistory](#) (string \$asset=null)
  - withdrawHistory* get the withdrawal history for an asset
- [prices](#) ()
  - prices* get all the current prices
- [bookPrices](#) ()
  - bookPrices* get all bid/asks prices
- [account](#) ()
  - account* get all information about the api account
- [prevDay](#) (string \$symbol=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 candel for the given intervals 1m,3m,5m,15m,30m,1h,2h,4h,6h,8h,12h,1d,3d,1w,1M
- [cumulative](#) (array \$depth)
  - cumulative* Converts depth cache into a cumulative array
- [highstock](#) (array \$chart, bool \$include\_volume=false)
  - highstock* Converts Chart Data into array for highstock & kline charts
- [first](#) (array \$array)
  - first* Gets first key of an array
- [last](#) (array \$array)
  - last* Gets last key of an array
- [displayDepth](#) (array \$array)
  - displayDepth* Formats nicely for console output
- [getTransferred](#) ()
  - getTransferred* gets the total transfered in b,Kb,Mb,Gb
- [getRequestCount](#) ()

- getRequestCount gets the total number of API calls*

  - **addToTransferred** (int \$int)  
*addToTransferred add interger bytes to the total transferred also incrementes the api counter*
- **sortDepth** (string \$symbol, int \$limit=11)  
*sortDepth Sorts depth data for display & getting highest bid and lowest ask*
- **depthCache** (\$symbols, Callable \$callback)  
*depthCache Pulls /depth data and subscribes to WebSocket endpoint Maintains a local Depth Cache in sync via lastUpdateId.*
- **trades** (\$symbols, Callable \$callback)  
*trades Trades WebSocket Endpoint*
- **ticker** (\$symbol, Callable \$callback)  
*ticker pulls 24h price change statistics via WebSocket*
- **chart** (\$symbols, string \$interval="30m", Callable \$callback)  
*chart Pulls /kline data and subscribes to WebSocket endpoint*
- **terminate** (\$endpoint)  
*terminate Terminates websocket endpoints.*
- **keepAlive** ()  
*keepAlive Keep-alive function for userDataStream*
- **userData** (&\$balance\_callback, &\$execution\_callback=false)  
*userData Issues userDataStream token and keepalive, subscribes to userData WebSocket*
- **miniTicker** (Callable \$callback)  
*miniTicker Get miniTicker for all symbols*

## Public Attributes

- **\$httpDebug** = false
- **\$subscriptions** = []
- **\$balances** = []
- **\$btc\_value** = 0.00
- **\$btc\_total** = 0.00

## Protected Attributes

- **\$base** = 'https://api.binance.com/api/'
- **\$wapi** = 'https://api.binance.com/wapi/'
- **\$stream** = 'wss://stream.binance.com:9443/ws/'
- **\$api\_key**
- **\$api\_secret**
- **\$depthCache** = []
- **\$depthQueue** = []
- **\$chartQueue** = []
- **\$charts** = []
- **\$info**
- **\$proxyConf** = null
- **\$transferred** = 0
- **\$requestCount** = 0

### 4.1.1 Detailed Description

Main Binance class.

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

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

### 4.1.2 Constructor & Destructor Documentation

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

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

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

#### Parameters

<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

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

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

Definition at line 525 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 1276 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 557 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 595 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 513 of file php-binance-api.php.

**4.1.3.6 Binance\API::buy ( string *\$symbol*, *\$quantity*, *\$price*, string *\$type* = "LIMIT", array *\$flags* = [] )**

buy attempts to create a currency order each currency supports a number of order types, such as -LIMIT -MARKET -STOP\_LOSS -STOP\_LOSS\_LIMIT -TAKE\_PROFIT -TAKE\_PROFIT\_LIMIT -LIMIT\_MAKER

You should check the

**See Also**

exchangeInfo for each currency to determine what types of orders can be placed against specific pairs

```
$quantity = 1; $price = 0.0005; $order = $api->buy("BNBBTC", $quantity, $price);
```

## Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$price</i>	string price per unit you want to spend
<i>\$type</i>	string type of order
<i>\$flags</i>	array additional options for order type

## Returns

array with error message or the order details

Definition at line 143 of file php-binance-api.php.

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

buyTest attempts to create a TEST currency order

## See Also

buy()

## Parameters

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

## Returns

array with error message or empty or the order details

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

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

cancel attempts to cancel a currency order

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

## Parameters

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

## Returns

array with error message or the order details

## Exceptions

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

Definition at line 277 of file php-binance-api.php.

**4.1.3.9** `BinanceAPI::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 833 of file php-binance-api.php.

4.1.3.10 `Binance\API::chart ( $symbols, string $interval = "30m", Callable $callback )`

chart Pulls /kline data and subscribes to WebSocket endpoint

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

## Parameters

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

## Returns

null

## Exceptions

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

Definition at line 1563 of file php-binance-api.php.

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

cumulative Converts depth cache into a cumulative array

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

## Parameters

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

## Returns

array cumulative depth cache

Definition at line 1106 of file php-binance-api.php.

4.1.3.12 `Binance\API::depositAddress ( string $asset )`

depositAddress get the deposit address for an asset

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

**Parameters**

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

**Returns**

array with error message or array deposit address information

**Exceptions**

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

Definition at line 443 of file php-binance-api.php.

**4.1.3.13 BinanceAPI::depositHistory ( string *\$asset* = null )**

depositAddress get the deposit history for an asset

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

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

**Parameters**

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

**Returns**

array with error message or array deposit history information

**Exceptions**

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

Definition at line 462 of file php-binance-api.php.

**4.1.3.14 BinanceAPI::depth ( string *\$symbol* )**

depth get Market depth

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

**Parameters**

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

**Returns**

array with error message or array of market depth

**Exceptions**

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

Definition at line 572 of file php-binance-api.php.

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

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

See depth() and depthHandler()

```
$api->depthCache(["BNBBTC"], function($api, $symbol, $depth) { echo "{$symbol} depth cache update".PHP_EOL; //print_r($depth); // Print all depth data $limit = 11; // Show only the closest asks/bids $sorted = $api->sortDepth($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 1385 of file php-binance-api.php.

**4.1.3.16 Binance\API::displayDepth ( array \$array )**

displayDepth Formats nicely for console output

```
$outputString = $api->displayDepth($array);
```

**Parameters**

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

**Returns**

string of the depth information

Definition at line 1195 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

**Exceptions**

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

Definition at line 396 of file php-binance-api.php.

**4.1.3.18 Binance\API::first ( array \$array )**

first Gets first key of an array

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

**Parameters**

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

**Returns**

string key or null

Definition at line 1165 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 608 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 1264 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 1245 of file php-binance-api.php.

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

highstock Converts Chart Data into array for highstock & kline charts

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

**Parameters**

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

**Returns**

array highchart data

Definition at line 1140 of file php-binance-api.php.



**4.1.3.23** `Binance\API::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 355 of file php-binance-api.php.

**4.1.3.24** `Binance\API::keepAlive ( )`

keepAlive Keep-alive function for userDataStream

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

**Returns**

null

Definition at line 1638 of file php-binance-api.php.

**4.1.3.25** `Binance\API::last ( array $array )`

last Gets last key of an array

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

**Parameters**

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

**Returns**

string key or null

Definition at line 1180 of file php-binance-api.php.

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

marketBuy attempts to create a currency order at given market price

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

**Parameters**

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

**Returns**

array with error message or the order details

Definition at line 219 of file php-binance-api.php.

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

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

**See Also**

marketBuy()

**Parameters**

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

**Returns**

array with error message or the order details

Definition at line 233 of file php-binance-api.php.

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

marketSell attempts to create a currency order at given market price

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

**Parameters**

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

**Returns**

array with error message or the order details

Definition at line 248 of file php-binance-api.php.

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

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

**See Also**

marketSellTest()

## Parameters

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

## Returns

array with error message or the order details

Definition at line 262 of file php-binance-api.php.

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

miniTicker Get miniTicker for all symbols

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

## Parameters

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

## Returns

null

Definition at line 1734 of file php-binance-api.php.

4.1.3.31 `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 312 of file php-binance-api.php.

4.1.3.32 `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 typicall LIMIT, STOP_LOSS_LIMIT etc.
<i>\$flags</i>	array additional transaction options
<i>\$test</i>	bool whether to test or not, test only validates the query

## Returns

array containing the response

## Exceptions

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

Definition at line 774 of file php-binance-api.php.

#### 4.1.3.33 BinanceAPI::orders ( string \$symbol, int \$limit = 500, int \$fromOrderId = 1 )

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

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

## Parameters

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

## Returns

array with error message or array of orderDetails array

## Exceptions

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

Definition at line 333 of file php-binance-api.php.

#### 4.1.3.34 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 295 of file php-binance-api.php.

4.1.3.35 **Binance\API::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 538 of file php-binance-api.php.

4.1.3.36 **Binance\API::prices ( )**

prices get all the current prices

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

## Returns

array with error message or array of all the currencies prices

## Exceptions

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

Definition at line 501 of file php-binance-api.php.

4.1.3.37 **Binance\API::sell ( string \$symbol, \$quantity, \$price, string \$type = "LIMIT", array \$flags = [] )**

sell attempts to create a currency order each currency supports a number of order types, such as -LIMIT -MARKET -STOP\_LOSS -STOP\_LOSS\_LIMIT -TAKE\_PROFIT -TAKE\_PROFIT\_LIMIT -LIMIT\_MAKER

You should check the

## See Also

exchangeInfo for each currency to determine what types of orders can be placed against specific pairs

```
$quantity = 1; $price = 0.0005; $order = $api->sell("BNBBTC", $quantity, $price);
```

## Parameters

<i>\$symbol</i>	string the currency symbol
<i>\$quantity</i>	string the quantity required
<i>\$price</i>	string price per unit you want to spend
<i>\$type</i>	string type of order
<i>\$flags</i>	array additional options for order type

**Returns**

array with error message or the order details

Definition at line 188 of file php-binance-api.php.

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

sellTest attempts to create a TEST currency order

**See Also**

sell()

**Parameters**

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

**Returns**

array with error message or empty or the order details

Definition at line 204 of file php-binance-api.php.

**4.1.3.39** `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 656 of file php-binance-api.php.

**4.1.3.40** `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 1353 of file php-binance-api.php.

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

terminate Terminates websocket endpoints.

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

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

## Returns

null

Definition at line 1626 of file php-binance-api.php.

4.1.3.42 `Binance\API::ticker ( $symbol, Callable $callback )`

ticker pulls 24h price change statistics via WebSocket

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

## Parameters

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

## Returns

null

Definition at line 1515 of file php-binance-api.php.

4.1.3.43 `Binance\API::time ( )`

time Gets the server time

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

## Returns

array with error message or array with server time key

## Exceptions

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

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

#### 4.1.3.44 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 1454 of file php-binance-api.php.

#### 4.1.3.45 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>	callable function
bool	<i>\$execution_ - callback</i>	callable function

## Returns

null

## Exceptions

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

Definition at line 1685 of file php-binance-api.php.

#### 4.1.3.46 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 371 of file php-binance-api.php.

#### 4.1.3.47 `Binance\API::withdraw ( string $asset, string $address, $amount, $addressTag = null )`

withdraw requests a asset be withdrawn from binance to another wallet

```
$asset = "BTC"; $address = "1C5gqLRs96Xq4V2ZZAR1347yUCpHie7sa"; $amount = 0.2; $response = $api->withdraw($asset, $address, $amount);
```

```
$address = "44tLjmXrQNrWJ5NBsEj2R77ZBEgDa3fEe9GLpSf2FRmhhexPvfYDUAB7EXX1Hdb3aMQ9FLqdJ56ya-AhiXoRsceGJCRS3Jxkn"; $addressTag = "0e5e38a01058dbf64e53a4333a5acf98e0d5feb8e523d32e3186c664a9c762c1"; $amount = 0.1; $response = $api->withdraw($asset, $address, $amount, $addressTag);
```

##### Parameters

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

##### Returns

array with error message or array transaction

##### Exceptions

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

Definition at line 420 of file php-binance-api.php.

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

withdrawHistory get the withdrawal history for an asset

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

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

##### Parameters

<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 483 of file php-binance-api.php.

### 4.1.4 Member Data Documentation

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Initial value:**

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

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

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

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

**4.1.4.14** `BinanceAPI::$requestCount = 0` [protected]

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

**4.1.4.15** `BinanceAPI::$stream = 'wss://stream.binance.com:9443/ws/'` [protected]

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

**4.1.4.16** `BinanceAPI::$subscriptions = []`

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

**4.1.4.17** `BinanceAPI::$transferred = 0` [protected]

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

**4.1.4.18** `BinanceAPI::$wapi = 'https://api.binance.com/wapi/'` [protected]

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

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