

PHP Binance Api

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Contents

1	Namespace Index	1
1.1	Namespace List	1
2	Class Index	3
2.1	Class List	3
3	Namespace Documentation	5
3.1	Binance Namespace Reference	5
4	Class Documentation	7
4.1	Binance\API Class Reference	7
4.1.1	Detailed Description	9
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	12
4.1.3.10	chart	13
4.1.3.11	cumulative	13
4.1.3.12	depositAddress	13
4.1.3.13	depositHistory	14
4.1.3.14	depth	14
4.1.3.15	depthCache	14
4.1.3.16	displayDepth	15
4.1.3.17	exchangeInfo	15

4.1.3.18	first	15
4.1.3.19	getProxyUriString	16
4.1.3.20	getRequestCount	16
4.1.3.21	getTransferred	16
4.1.3.22	highstock	16
4.1.3.23	history	17
4.1.3.24	keepAlive	17
4.1.3.25	last	17
4.1.3.26	marketBuy	17
4.1.3.27	marketBuyTest	18
4.1.3.28	marketSell	18
4.1.3.29	marketSellTest	18
4.1.3.30	miniTicker	19
4.1.3.31	openOrders	19
4.1.3.32	order	19
4.1.3.33	orders	20
4.1.3.34	orderStatus	20
4.1.3.35	prevDay	21
4.1.3.36	prices	21
4.1.3.37	sell	21
4.1.3.38	sellTest	22
4.1.3.39	setProxy	22
4.1.3.40	sortDepth	22
4.1.3.41	terminate	23
4.1.3.42	ticker	23
4.1.3.43	time	23
4.1.3.44	trades	24
4.1.3.45	userData	25
4.1.3.46	useServerTime	25
4.1.3.47	withdraw	26
4.1.3.48	withdrawHistory	26
4.1.4	Member Data Documentation	26
4.1.4.1	\$api_key	26
4.1.4.2	\$api_secret	26
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	\$depthCache	27
4.1.4.10	\$depthQueue	27
4.1.4.11	\$httpDebug	27
4.1.4.12	\$info	27
4.1.4.13	\$proxyConf	27
4.1.4.14	\$requestCount	28
4.1.4.15	\$stream	28
4.1.4.16	\$subscriptions	28
4.1.4.17	\$transferred	28
4.1.4.18	\$wapi	28

Index	29
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Chapter 1

Namespace Index

1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

Binance	5
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Chapter 2

Class Index

2.1 Class List

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

[Binance\API](#)

 Main Binance class [7](#)

Chapter 3

Namespace Documentation

3.1 Binance Namespace Reference

Classes

- class [API](#)

Main Binance class.

Chapter 4

Class Documentation

4.1 Binance\API Class Reference

Main Binance class.

Public Member Functions

- [__construct](#) ()
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 cancles 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 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 59 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 617 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 1368 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

<code>\Exception</code>

Definition at line 649 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	<code>\$priceData</code>	array of the symbols balances are required for
------	--------------------------	--

Returns

array with error message or array of balances

Exceptions

<code>\Exception</code>

Definition at line 687 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

<code>\Exception</code>

Definition at line 605 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 235 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 251 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 369 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 925 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 1655 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 1198 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 535 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 554 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 664 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 1477 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 1287 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 488 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 1257 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 700 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 1356 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 1337 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 1232 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 447 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 1730 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 1272 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 311 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 325 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 340 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 354 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 1826 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 404 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 866 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 425 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 387 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 630 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 593 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 280 of file php-binance-api.php.

4.1.3.38 **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 296 of file php-binance-api.php.

4.1.3.39 **Binance\API::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 748 of file php-binance-api.php.

4.1.3.40 **Binance\API::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 1445 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 1718 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 1607 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 476 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 1546 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 1777 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 463 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 512 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 575 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 47 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 49 of file `php-binance-api.php`.

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

Definition at line 48 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::$depthCache = []` [protected]

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

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

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

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

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

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

Initial value:

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

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

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

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

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

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

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

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

4.1.4.16 `BinanceAPI::$subscriptions = []`

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

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

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

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

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

Index

\$api_key
 Binance::API, [26](#)
\$api_secret
 Binance::API, [26](#)
\$balances
 Binance::API, [26](#)
\$base
 Binance::API, [27](#)
\$btc_total
 Binance::API, [27](#)
\$btc_value
 Binance::API, [27](#)
\$chartQueue
 Binance::API, [27](#)
\$charts
 Binance::API, [27](#)
\$depthCache
 Binance::API, [27](#)
\$depthQueue
 Binance::API, [27](#)
\$httpDebug
 Binance::API, [27](#)
\$info
 Binance::API, [27](#)
\$proxyConf
 Binance::API, [27](#)
\$requestCount
 Binance::API, [27](#)
\$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, [26](#)
 \$api_secret, [26](#)
 \$balances, [26](#)
 \$base, [27](#)
 \$btc_total, [27](#)
 \$btc_value, [27](#)
 \$chartQueue, [27](#)
 \$charts, [27](#)
 \$depthCache, [27](#)
 \$depthQueue, [27](#)
 \$httpDebug, [27](#)
 \$info, [27](#)
 \$proxyConf, [27](#)
 \$requestCount, [27](#)
 \$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, [13](#)
 cumulative, [13](#)
 depositAddress, [13](#)
 depositHistory, [14](#)
 depth, [14](#)
 depthCache, [14](#)
 displayDepth, [15](#)
 exchangeInfo, [15](#)
 first, [15](#)
 getProxyUriString, [16](#)
 getRequestCount, [16](#)
 getTransferred, [16](#)
 highstock, [16](#)
 history, [16](#)
 keepAlive, [17](#)
 last, [17](#)
 marketBuy, [17](#)
 marketBuyTest, [18](#)
 marketSell, [18](#)
 marketSellTest, [18](#)
 miniTicker, [19](#)

- openOrders, [19](#)
- order, [19](#)
- orderStatus, [20](#)
- orders, [20](#)
- prevDay, [21](#)
- prices, [21](#)
- sell, [21](#)
- sellTest, [22](#)
- setProxy, [22](#)
- sortDepth, [22](#)
- terminate, [23](#)
- ticker, [23](#)
- time, [23](#)
- trades, [23](#)
- useServerTime, [25](#)
- userData, [25](#)
- withdraw, [25](#)
- 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, [13](#)
- cumulative
 - Binance::API, [13](#)
- depositAddress
 - Binance::API, [13](#)
- depositHistory
 - Binance::API, [14](#)
- depth
 - Binance::API, [14](#)
- depthCache
 - Binance::API, [14](#)
- displayDepth
 - Binance::API, [15](#)
- exchangeInfo
 - Binance::API, [15](#)
- first
 - Binance::API, [15](#)
- getProxyUriString
 - Binance::API, [16](#)
- getRequestCount
 - Binance::API, [16](#)
- getTransferred
 - Binance::API, [16](#)
- highstock
 - Binance::API, [16](#)
- history
 - Binance::API, [16](#)
- keepAlive
 - Binance::API, [17](#)
- last
 - Binance::API, [17](#)
- marketBuy
 - Binance::API, [17](#)
- marketBuyTest
 - Binance::API, [18](#)
- marketSell
 - Binance::API, [18](#)
- marketSellTest
 - Binance::API, [18](#)
- miniTicker
 - Binance::API, [19](#)
- openOrders
 - Binance::API, [19](#)
- order
 - Binance::API, [19](#)
- orderStatus
 - Binance::API, [20](#)
- orders
 - Binance::API, [20](#)
- prevDay
 - Binance::API, [21](#)
- prices
 - Binance::API, [21](#)
- sell
 - Binance::API, [21](#)
- sellTest
 - Binance::API, [22](#)
- setProxy
 - Binance::API, [22](#)
- sortDepth
 - Binance::API, [22](#)
- terminate
 - Binance::API, [23](#)
- ticker
 - Binance::API, [23](#)
- time
 - Binance::API, [23](#)
- trades
 - Binance::API, [23](#)
- useServerTime
 - Binance::API, [25](#)
- userData
 - Binance::API, [25](#)
- withdraw
 - Binance::API, [25](#)
- withdrawHistory
 - Binance::API, [26](#)