hyperliquid

Kind: global class

Extends: **Exchange**

- fetchCurrencies
- fetchMarkets
- fetchSwapMarkets
- calculatePricePrecision
- fetchSpotMarkets
- fetchBalance
- fetchOrderBook
- fetchTickers
- fetchFundingRates
- fetchOHLCV
- fetchTrades
- createOrder
- createOrders
- createOrdersRequest
- cancelOrder
- cancelOrders
- cancelOrdersForSymbols
- cancelAllOrdersAfter
- editOrder
- editOrders
- createVault
- fetchFundingRateHistory
- fetchOpenOrders
- fetchClosedOrders
- fetchCanceledOrders
- fetchCanceledAndClosedOrders
- fetchOrders
- fetchOrder
- fetchMyTrades
- fetchPosition

- fetchPositions
- setMarginMode
- setLeverage
- addMargin
- reduceMargin
- transfer
- withdraw
- fetchTradingFee
- fetchLedger
- fetchDeposits
- fetchWithdrawals
- fetchOpenInterests
- fetchOpenInterest
- fetchFundingHistory
- createOrdersWs
- createOrderWs
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- watchOrderBook
- unWatchOrderBook
- watchTicker
- watchTickers
- unWatchTickers
- watchMyTrades
- unWatchTrades
- watchOHLCV
- unWatchOHLCV
- watchOrders

fetchCurrencies

fetches all available currencies on an exchange

Kind: instance method of `hyperliquid`

Returns: `object` - an associative dictionary of currencies

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-

endpoint/perpetuals#retrieve-perpetuals-
metadata

Param	Type	Required	Descriptio
params	`object`	No	extra parameter specific to the exchange API endpoint

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javascript

```
hyperliquid.fetchCurrencies ([params])
```

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fetchMarkets

retrieves data on all markets for hyperliquid

Kind: instance method of `hyperliquid`
Returns: `Array<object>` - an array of objects representing market data

See

- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/perpetuals#retrieve-perpetuals-asset-contexts-includes-mark-price-current-funding-open-interest-etc
- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/spot#retrieve-spot-asset-contexts

Param	Type	Required	Descriptio
params	`object`	No	extra parameter specific to

Param	Type	Required	Descriptio
			the exchange API

```javascript
hyperliquid.fetchMarkets ([params])
```

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fetchSwapMarkets

retrieves data on all swap markets for hyperliquid

Kind: instance method of `hyperliquid`

Returns: `Array<object>` - an array of objects representing market data

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/perpetuals#retrieve-perpetuals-asset-contexts-includes-mark-price-current-funding-open-interest-etc

Param	Type	Required	Descriptio
params	`object`	No	extra parameter specific to the exchange API endpoint

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```javascript
hyperliquid.fetchSwapMarkets ([params]
```

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calculatePricePrecision

Helper function to calculate the Hyperliquid DECIMAL_PLACES price precision

Kind: instance method of `hyperliquid`

Returns: `int` - The calculated price precision

Param	Type	Description
price	`float`	the price to use in the calculation
amountPrecision	`int`	the amountPrecision to use in the calculation
maxDecimals	`int`	the maxDecimals to use in the calculation

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`javascript`

```
hyperliquid.calculatePricePrecision (p
```

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fetchSpotMarkets

retrieves data on all spot markets for hyperliquid

Kind: instance method of `hyperliquid`

Returns: `Array<object>` - an array of objects representing market data

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/spot#retrieve-spot-asset-contexts

Param	Type	Required	Descriptio
params	object	No	extra parameter specific to the exchange API endpoint

```javascript
hyperliquid.fetchSpotMarkets ([params]
```

fetchBalance

query for balance and get the amount of funds available for trading or funds locked in orders

Kind: instance method of hyperliquid
Returns: object - a balance structure

See

- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/spot#retrieve-a-users-token-balances
- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/perpetuals#retrieve-users-perpetuals-account-summary

Param	Type	Required	De
params	object	No	extra specifi excha endpc
params.user	string	No	user a defau

Param	Type	Required	De
			this.w if not
params.type	string	No	walle ['spot

```javascript
                                                          javascript
```

```javascript
hyperliquid.fetchBalance ([params])
```

fetchOrderBook

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fetches information on open orders with bid (buy) and ask (sell) prices, volumes and other data

Kind: instance method of `hyperliquid`

Returns: `object` - A dictionary of order book structures indexed by market symbols

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint#l2-book-snapshot

Param	Type	Required	Description
symbol	string	Yes	unified symbol of the market to fetch the order book for
limit	int	No	the maximum amount of order book entries to return
params	object	No	extra parameter

Param	Type	Required	Descriptio
			specific to the exchange API

```javascript
hyperliquid.fetchOrderBook (symbol[, l
```

fetchTickers

fetches price tickers for multiple markets, statistical information calculated over the past 24 hours for each market

Kind: instance method of `hyperliquid`
Returns: `object` - a dictionary of ticker structures

See

- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/perpetuals#retrieve-perpetuals-asset-contexts-includes-mark-price-current-funding-open-interest-etc
- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/spot#retrieve-spot-asset-contexts

Param	Type	Required
symbols	Array<string>	No

Param	Type	Required
params	object	No
params.type	string	No

```javascript
hyperliquid.fetchTickers ([symbols, pa
```

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fetchFundingRates

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retrieves data on all swap markets for
hyperliquid

Kind: instance method of hyperliquid
Returns: Array<object> - an array of objects
representing market data

See: https://hyperliquid.gitbook.io/hyperliquid-
docs/for-developers/api/info-
endpoint/perpetuals#retrieve-perpetuals-asset-
contexts-includes-mark-price-current-funding-
open-interest-etc

Param	Type	Required	De
symbols	Array<string>	No	lis ur

Param	Type	Required	D...
			m... sy...
params	object	No	ex... pa... sp... th... ex... AF...

```javascript
javascript
```

```javascript
hyperliquid.fetchFundingRates ([symbol
```

◀ ▶

fetchOHLCV

fetches historical candlestick data containing the open, high, low, and close price, and the volume of a market

Kind: instance method of `hyperliquid`

Returns: `Array<Array<int>>` - A list of candles ordered as timestamp, open, high, low, close, volume

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint#candle-snapshot

Param	Type	Required	Descr...
symbol	string	Yes	unifie... symb... the m... to fet... OHL... data
timeframe	string	Yes	the le... of tin... each...

Param	Type	Required	Descr
			candl repre suppo '1m',' '1h',''
since	int	No	times in ms the e candl fetch
limit	int	No	the maxi amou candl fetch
params	object	No	extra paran speci the excha API endp
params.until	int	No	times in ms the la candl

```javascript
hyperliquid.fetchOHLCV (symbol, timefr
```

fetchTrades

get the list of most recent trades for a
particular symbol

Kind: instance method of hyperliquid
Returns: Array<Trade> - a list of trade

structures

See

- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint#retrieve-a-users-fills
- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint#retrieve-a-users-fills-by-time

Param	Type	Required	De
symbol	string	Yes	ur ma sy
since	int	No	th tir to tra
limit	int	No	th ma nu tra sti to
params	object	No	ex pa sp th ex AF er
params.until	int	No	tir in th tra
params.address	string	No	wa ad th tra
params.user	string	No	wa ad

Param	Type	Required	De
			th

```javascript
hyperliquid.fetchTrades (symbol[, sinc
```

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createOrder

create a trade order

Kind: instance method of `hyperliquid`
Returns: `object` - an order structure

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#place-an-order

Param	Type	Required
symbol	`string`	Yes
type	`string`	Yes
side	`string`	Yes
amount	`float`	Yes
price	`float`	No
params	`object`	No
params.timeInForce	`string`	No
params.postOnly	`bool`	No
params.reduceOnly	`bool`	No

Param	Type	Required
params.triggerPrice	float	No
params.clientOrderId	string	No
params.slippage	string	No
params.vaultAddress	string	No

```javascript
hyperliquid.createOrder (symbol, type,
```

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createOrders

create a list of trade orders

Kind: instance method of `hyperliquid`

Returns: `object` - an order structure

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#place-an-order

Param	Type	Required	Description
orders	Array	Yes	list of orders to create, each object should contain the parameters required by createOrder namely symbol, type, side, amount,

◀ ═══════ ▶

Param	Type	Required	Descriptio
			price and params
params	object	No	extra parameter specific to the exchange API

```javascript
hyperliquid.createOrders (orders[, par
```

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createOrdersRequest

create a list of trade orders

Kind: instance method of hyperliquid

Returns: object - an order structure

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#place-an-order

Param	Type	Description
orders	Array	list of orders to create, each object should contain the parameters required by createOrder, namely symbol, type, side, amount, price and params

```javascript
hyperliquid.createOrdersRequest (order
```

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cancelOrder

cancels an open order

Kind: instance method of `hyperliquid`

Returns: `object` - An **order structure**

See

- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#cancel-order-s
- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#cancel-order-s-by-cloid

Param	Type	Required
id	`string`	Yes
symbol	`string`	Yes
params	`object`	No
params.clientOrderId	`string`	No
params.vaultAddress	`string`	No

```javascript
hyperliquid.cancelOrder (id, symbol[,
```

cancelOrders

cancel multiple orders

Kind: instance method of `hyperliquid`

Returns: `object` - an list of **order structures**

See

- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#cancel-order-s
- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#cancel-order-s-by-cloid

Param	Type	R(
ids	Array<string>	Ye
symbol	string	N
params	object	N
params.clientOrderId	string , Array<string>	N
params.vaultAddress	string	N

```javascript
hyperliquid.cancelOrders (ids[, symbol
```

cancelOrdersForSymbols

cancel multiple orders for multiple symbols

Kind: instance method of `hyperliquid`
Returns: `object` - an list of order structures

See

- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#cancel-order-s
- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-

endpoint#cancel-order-s-by-cloid

Param	Type
orders	Array<CancellationR
params	object
params.vaultAddress	string

```javascript
hyperliquid.cancelOrdersForSymbols (or
```

cancelAllOrdersAfter

dead man's switch, cancel all orders after the given timeout

Kind: instance method of `hyperliquid`
Returns: `object` - the api result

Param	Type	Required
timeout	`number`	Yes
params	`object`	No
params.vaultAddress	`string`	No

```javascript
hyperliquid.cancelAllOrdersAfter (time
```

editOrder

edit a trade order

Kind: instance method of `hyperliquid`

Returns: `object` - an order structure

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#modify-multiple-orders

Param	Type	Required
id	`string`	Yes
symbol	`string`	Yes
type	`string`	Yes
side	`string`	Yes

Param	Type	Required
amount	float	Yes
price	float	No
params	object	No
params.timeInForce	string	No
params.postOnly	bool	No
params.reduceOnly	bool	No
params.triggerPrice	float	No
params.clientOrderId	string	No
params.vaultAddress	string	No

```javascript
hyperliquid.editOrder (id, symbol, typ
```

editOrders

edit a list of trade orders

Kind: instance method of `hyperliquid`

Returns: `object` - an order structure

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#modify-multiple-orders

Param	Type	Required	Description
orders	Array	Yes	list of orders to create, each object should contain the parameters required by createOrder namely symbol, type, side, amount, price and params
params	object	No	extra parameters specific to the exchange API endpoint

```javascript
hyperliquid.editOrders (orders[, param
```

createVault

creates a value

Kind: instance method of `hyperliquid`

Returns: `object` - the api result

Param	Type	Required	Descri
name	string	Yes	The na of the vault

Param	Type	Required	Descri
description	string	Yes	The descri of the vault
initialUsd	number	Yes	The initial of the vault
params	object	No	extra param specifi the exchar API

```javascript
hyperliquid.createVault (name, descrip
```

fetchFundingRateHistory

fetches historical funding rate prices

Kind: instance method of hyperliquid

Returns: Array<object> - a list of funding rate structures

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/perpetuals#retrieve-historical-funding-rates

Param	Type	Required	Descr
symbol	string	Yes	unifie symb the n to fet the

Param	Type	Required	Descr
			fundi rate h for
since	int	No	times in ms the e fundi rate t fetch
limit	int	No	the maxi amou **fundi rate struc** to fet
params	object	No	extra paran speci the excha API endp
params.until	int	No	times in ms the la fundi

```javascript
hyperliquid.fetchFundingRateHistory (s
```

fetchOpenOrders

fetch all unfilled currently open orders

Kind: instance method of `hyperliquid`

Returns: `Array<Order>` - a list of **order**

structures

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint#retrieve-a-users-open-orders

Param	Type	Required	
symbol	string	Yes	ur sy
since	int	No	th m: or
limit	int	No	th nu or re
params	object	No	ex sp ex er
params.user	string	No	us de th nc
params.method	string	No	'op 'fr de 'fr

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```javascript
hyperliquid.fetchOpenOrders (symbol[,
```

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fetchClosedOrders

fetch all unfilled currently closed orders

Kind: instance method of `hyperliquid`

Returns: `Array<Order>` - a list of order structures

Param	Type	Required	De
symbol	`string`	Yes	unifie symb
since	`int`	No	the e in ms open
limit	`int`	No	the m numb order: to ret
params	`object`	No	extra specif excha endpc
params.user	`string`	No	user a defau this.w if not

```javascript
hyperliquid.fetchClosedOrders (symbol[
```

fetchCanceledOrders

fetch all canceled orders

Kind: instance method of `hyperliquid`

Returns: `Array<Order>` - a list of order structures

Param	Type	Required	De
symbol	string	Yes	unifie symbo
since	int	No	the ea in ms open
limit	int	No	the m numb orders to ret
params	object	No	extra specif excha endpc
params.user	string	No	user a defau this.w if not

```javascript
hyperliquid.fetchCanceledOrders (symbo
```

fetchCanceledAndClosedOrders

fetch all closed and canceled orders

Kind: instance method of hyperliquid

Returns: Array<Order> - a list of order structures

Param	Type	Required	De
symbol	string	Yes	unifie symbo
since	int	No	the ea in ms open

Param	Type	Required	De
limit	int	No	the m numb order: to ret
params	object	No	extra speci excha endpc
params.user	string	No	user a defau this.w

```javascript
hyperliquid.fetchCanceledAndClosedOrde
```

fetchOrders

fetch all orders

Kind: instance method of `hyperliquid`
Returns: `Array<Order>` - a list of order structures

Param	Type	Required	De
symbol	string	Yes	unifie symbc
since	int	No	the ea in ms open
limit	int	No	the m numb order: to ret
params	object	No	extra speci

Param	Type	Required	De
			excha endpo
params.user	string	No	user a defau this.w if

```javascript
hyperliquid.fetchOrders (symbol[, sinc
```

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fetchOrder

fetches information on an order made by the user

Kind: instance method of hyperliquid

Returns: object - An order structure

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See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint#query-order-status-by-oid-or-cloid

Param	Type	Required	De
id	string	Yes	order
symbol	string	Yes	unifie the m order in
params	object	No	extra specif excha endpo
params.user	string	No	user a defau this.w if not

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```javascript
hyperliquid.fetchOrder (id, symbol[, p
```

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fetchMyTrades

fetch all trades made by the user

Kind: instance method of `hyperliquid`
Returns: `Array<Trade>` - a list of trade structures

See

- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint#retrieve-a-users-fills
- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint#retrieve-a-users-fills-by-time

Param	Type	Required	Descr
symbol	`string`	Yes	unifie mark symb
since	`int`	No	the e time to fet trade
limit	`int`	No	the maxi numb trade struc to ret
params	`object`	No	extra paran speci the excha

Param	Type	Required	Descr
			API endp
params.until	int	No	times in ms the la

```javascript
javascript
```

```javascript
hyperliquid.fetchMyTrades (symbol[, si
```

fetchPosition

fetch data on an open position

Kind: instance method of hyperliquid
Returns: object - a position structure

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/perpetuals#retrieve-users-perpetuals-account-summary

Param	Type	Required	De
symbol	string	Yes	unifie symb marke positi
params	object	No	extra specif excha endpo
params.user	string	No	user a defau this.w if not

```javascript
hyperliquid.fetchPosition (symbol[, pa
```

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fetchPositions

fetch all open positions

Kind: instance method of `hyperliquid`
Returns: `Array<object>` - a list of position structure

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/info-endpoint/perpetuals#retrieve-users-perpetuals-account-summary

Param	Type	Required
symbols	`Array<string>`	No
params	`object`	No
params.user	`string`	No

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```javascript
hyperliquid.fetchPositions ([symbols,
```

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setMarginMode

set margin mode (symbol)

Kind: instance method of `hyperliquid`

Returns: `object` - response from the exchange

Param	Type	Required	D
marginMode	string	Yes	m m b [i c
symbol	string	Yes	u m s t t p h d u
params	object	No	e p s t e A e
params.leverage	string	No	t l r s t n (s

`javascript`

```
hyperliquid.setMarginMode (marginMode,
```

setLeverage

set the level of leverage for a market

Kind: instance method of `hyperliquid`

Returns: `object` - response from the exchange

Param	Type	Required
leverage	`float`	Yes
symbol	`string`	Yes
params	`object`	No
params.marginMode	`string`	No

```javascript
hyperliquid.setLeverage (leverage, sym
```

addMargin

add margin

Kind: instance method of `hyperliquid`

Returns: `object` - a **margin structure**

See: https://hyperliquid.gitbook.io/hyperliquid-
docs/for-developers/api/exchange-
endpoint#update-isolated-margin

Param	Type	Required	Descriptio
symbol	string	Yes	unified market symbol
amount	float	Yes	amount of margin to add
params	object	No	extra parameter specific to the exchange API endpoint

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```javascript
hyperliquid.addMargin (symbol, amount[
```

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reduceMargin

remove margin from a position

Kind: instance method of hyperliquid

Returns: object - a margin structure

See: https://hyperliquid.gitbook.io/hyperliquid-
docs/for-developers/api/exchange-
endpoint#update-isolated-margin

Param	Type	Required	Descriptio
symbol	string	Yes	unified market symbol

Param	Type	Required	Descriptio
amount	float	Yes	the amount of margin to remove
params	object	No	extra parameter specific to the exchange API

```javascript
hyperliquid.reduceMargin (symbol, amou
```

transfer

transfer currency internally between wallets on the same account

Kind: instance method of `hyperliquid`
Returns: `object` - a **transfer structure**

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#l1-usdc-transfer

Param	Type	Required
code	string	Yes
amount	float	Yes
fromAccount	string	Yes

Param	Type	Required
toAccount	string	Yes
params	object	No
params.vaultAddress	string	No

```javascript
hyperliquid.transfer (code, amount, fr
```

withdraw

make a withdrawal (only support USDC)

Kind: instance method of `hyperliquid`

Returns: `object` - a transaction structure

See

- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#initiate-a-withdrawal-request
- https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#deposit-or-withdraw-from-a-vault

Param	Type	Required
code	string	Yes
amount	float	Yes
address	string	Yes
tag	string	Yes
params	object	No
params.vaultAddress	string	No

```javascript
hyperliquid.withdraw (code, amount, ad
```

fetchTradingFee

fetch the trading fees for a market

Kind: instance method of `hyperliquid`

Returns: `object` - a **fee structure**

Param	Type	Required	De
symbol	string	Yes	unifie symbol
params	object	No	extra specif excha endpo
params.user	string	No	user a defau this.w if not

```javascript
hyperliquid.fetchTradingFee (symbol[,
```

fetchLedger

fetch the history of changes, actions done by the user or operations that altered the balance of the user

Kind: instance method of `hyperliquid`
Returns: `object` - a **ledger structure**

Param	Type	Required	Descr
code	string	No	unifie curre code
since	int	No	times in ms the e ledge entry
limit	int	No	max numb ledge

Param	Type	Required	Descr
			entrie return
params	object	No	extra paran speci the excha API endp
params.until	int	No	times in ms the la ledge

```javascript
javascript
```

```javascript
hyperliquid.fetchLedger ([code, since,
```

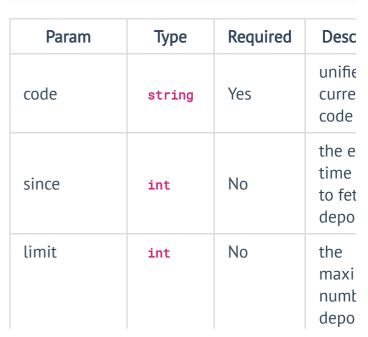## fetchDeposits

fetch all deposits made to an account

Kind: instance method of `hyperliquid`

Returns: `Array<object>` - a list of transaction structures

Param	Type	Required	Desc
code	string	Yes	unifie curre code
since	int	No	the e time to fet depo
limit	int	No	the maxi numb depo

Param	Type	Required	Desc
			struct to ret
params	object	No	extra paran speci the excha API endp
params.until	int	No	the la time to fet witho

```javascript
hyperliquid.fetchDeposits (code[, sinc
```


fetchWithdrawals

fetch all withdrawals made from an account

Kind: instance method of `hyperliquid`

Returns: `Array<object>` - a list of transaction structures

Param	Type	Required	Desc
code	string	Yes	unifie curre code
since	int	No	the e time to fet witho for
limit	int	No	the maxi numb

Param	Type	Required	Desc
			witho struct to ret
params	object	No	extra parar speci the excha API endp
params.until	int	No	the la time to fet witho

```javascript
javascript
```

```
hyperliquid.fetchWithdrawals (code[, s
```

fetchOpenInterests

Retrieves the open interest for a list of symbols

Kind: instance method of `hyperliquid`

Returns: `object` - an open interest structurehttps://docs.ccxt.com/#/?id=open-interest-structure

Param	Type	Required	De
symbols	Array<string>	No	Ur CC m sy

Param	Type	Required	D
params	object	No	ex sp pa

```javascript
hyperliquid.fetchOpenInterests ([symbo
```

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fetchOpenInterest

retrieves the open interest of a contract ▶
trading pair

Kind: instance method of `hyperliquid`

Returns: `object` - an **open interest structure**

Param	Type	Required	Description
symbol	string	Yes	unified CCXT market symbol
params	object	No	exchange specific parameter

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```javascript
hyperliquid.fetchOpenInterest (symbol[
```

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fetchFundingHistory

fetch the history of funding payments paid and
received on this account

Kind: instance method of `hyperliquid`

Returns: `object` - a funding history structure

Param	Type	Required	Description
symbol	`string`	No	unified market symbol
since	`int`	No	the earliest time in ms to fetch funding history for
limit	`int`	No	the maximum number of funding history structures to retrieve
params	`object`	No	extra parameters specific to the exchange API endpoint

`javascript`

```
hyperliquid.fetchFundingHistory ([symb
```

createOrdersWs

create a list of trade orders using WebSocket post request

Kind: instance method of `hyperliquid`

Returns: `object` - an order structure

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#place-an-order

Param	Type	Required	Description
orders	`Array`	Yes	list of orders to create, each object should contain the parameters required by createOrder namely symbol, type, side, amount, price and params
params	`object`	No	extra parameter specific to the exchange API endpoint

`javascript`

```
hyperliquid.createOrdersWs (orders[, p
```

createOrderWs

create a trade order using WebSocket post request

Kind: instance method of `hyperliquid`
Returns: `object` - an order structure

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#place-an-order

Param	Type	Required
symbol	string	Yes
type	string	Yes
side	string	Yes
amount	float	Yes
price	float	No
params	object	No
params.timeInForce	string	No
params.postOnly	bool	No
params.reduceOnly	bool	No
params.triggerPrice	float	No
params.clientOrderId	string	No
params.slippage	string	No
params.vaultAddress	string	No

```javascript
hyperliquid.createOrderWs (symbol, typ
```

editOrderWs

edit a trade order

Kind: instance method of `hyperliquid`
Returns: `object` - an **order structure**

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/exchange-endpoint#modify-multiple-orders

Param	Type	Required
id	string	Yes
symbol	string	Yes
type	string	Yes
side	string	Yes
amount	float	Yes
price	float	No
params	object	No
params.timeInForce	string	No
params.postOnly	bool	No
params.reduceOnly	bool	No
params.triggerPrice	float	No
params.clientOrderId	string	No
params.vaultAddress	string	No

```javascript
hyperliquid.editOrderWs (id, symbol, t
```

watchOrderBook

watches information on open orders with bid (buy) and ask (sell) prices, volumes and other data

Kind: instance method of `hyperliquid`
Returns: `object` - A dictionary of order book structures indexed by market symbols

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	Description
symbol	`string`	Yes	unified symbol of the market to fetch the order book for
limit	`int`	No	the maximum amount of order book entries to return
params	`object`	No	extra parameter specific to the exchange API endpoint

```javascript
hyperliquid.watchOrderBook (symbol[, l
```

unWatchOrderBook

unWatches information on open orders with bid (buy) and ask (sell) prices, volumes and other data

Kind: instance method of `hyperliquid`
Returns: `object` - A dictionary of order book structures indexed by market symbols

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	Descriptio
symbol	string	Yes	unified symbol of the market to fetch the order book for
params	object	No	extra parameter specific to the exchange API endpoint

```javascript
hyperliquid.unWatchOrderBook (symbol[,
```

watchTicker

watches a price ticker, a statistical calculation with the information calculated over the past 24 hours for a specific market

Kind: instance method of `hyperliquid`
Returns: `object` - a **ticker structure**

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	Descriptio
symbol	`string`	Yes	unified symbol of the market to fetch the ticker for
params	`object`	No	extra parameter specific to the exchange API endpoint

```javascript
hyperliquid.watchTicker (symbol[, para
```

watchTickers

watches a price ticker, a statistical calculation with the information calculated over the past 24 hours for all markets of a specific list

Kind: instance method of `hyperliquid`

Returns: `object` - a **ticker structure**

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	De
symbols	`Array<string>`	Yes	un sy th to th fo
params	`object`	No	ex pa sp th ex AF er

`javascript`

```
hyperliquid.watchTickers (symbols[, pa
```

unWatchTickers

unWatches a price ticker, a statistical calculation with the information calculated over the past 24 hours for all markets of a specific list

Kind: instance method of `hyperliquid`

Returns: `object` - a **ticker structure**

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	De
symbols	`Array<string>`	Yes	un sy th to th fo
params	`object`	No	ex pa sp th ex AF er

```javascript
hyperliquid.unWatchTickers (symbols[,
```

watchMyTrades

watches information on multiple trades made by the user

Kind: instance method of `hyperliquid`
Returns: `Array<object>` - a list of order structures

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	De
symbol	`string`	Yes	unifie symbo marke were
since	`int`	No	the ea in ms

Param	Type	Required	De
			order:
limit	int	No	the m numb struct retrie
params	object	No	extra specif excha endpc
params.user	string	No	user a defau this.w

```
hyperliquid.watchMyTrades (symbol[, si
```

unWatchTrades

unWatches information on multiple trades made in a market

Kind: instance method of `hyperliquid`

Returns: `Array<object>` - a list of trade structures

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	Descriptio
symbol	string	Yes	unified market symbol of the market trades were made in
params	object	No	extra parameter specific to the exchange API endpoint

```javascript
hyperliquid.unWatchTrades (symbol[, pa
```

watchOHLCV

watches historical candlestick data containing the open, high, low, close price, and the volume of a market

Kind: instance method of `hyperliquid`

Returns: `Array<Array<int>>` - A list of candles ordered as timestamp, open, high, low, close, volume

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	Descrip
symbol	string	Yes	unified symbol the ma

Param	Type	Required	Descrip
			to fetch OHLCV data fo
timeframe	string	Yes	the len of time each candle represe
since	int	No	timesta in ms o the ear candle fetch
limit	int	No	the maximu amount candles fetch
params	object	No	extra parame specifi the exchan API

```javascript
hyperliquid.watchOHLCV (symbol, timefr
```

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unWatchOHLCV

watches historical candlestick data containing the open, high, low, close price, and the volume of a market

Kind: instance method of `hyperliquid`
Returns: `Array<Array<int>>` - A list of candles

ordered as timestamp, open, high, low, close, volume

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	Descrip
symbol	`string`	Yes	unified symbol the ma to fetch OHLCV data fo
timeframe	`string`	Yes	the len of time each candle represe
params	`object`	No	extra parame specific the exchan API endpoi

```javascript
hyperliquid.unWatchOHLCV (symbol, time
```

watchOrders

watches information on multiple orders made by the user

Kind: instance method of `hyperliquid`

Returns: `Array<object>` - a list of order structures

See: https://hyperliquid.gitbook.io/hyperliquid-docs/for-developers/api/websocket/subscriptions

Param	Type	Required	De
symbol	string	Yes	unifie symbe marke were
since	int	No	the e: in ms order:
limit	int	No	the m numb struct retrie
params	object	No	extra speci excha endpo
params.user	string	No	user a defau this.w if not

```javascript
hyperliquid.watchOrders (symbol[, sinc
```