

Live working demo:

<https://exchange-demo2.bigdatalabs.io/>

[demo@bitcidemo.com](mailto:demo@bitcidemo.com)

Test1234

You can try the functions as you like, it is a test environment

Source code: <https://www.dropbox.com/t/UJgRBvedjMfliGwB>

XD file: <https://www.dropbox.com/t/9ZZa02FztFcW5luo>

You can see all api calls and socket communication in chrome network tab

The screenshot shows the Chrome DevTools Network tab with the 'Network' panel selected. The top bar displays the page title 'EOS-ETH' and 'ETH-BTC'. The main content area shows a list of API calls to Bitfinex, including 'getfavorites?t=1621340295668', 'balances', 'bittest-accountinfo', and several 'orders?pair=BITCI-TRY&t=...' requests. The 'pairs' request is highlighted. The right pane shows the 'Preview' tab for the selected request, displaying a JSON array of market data for various trading pairs like 'BTC-TRY', 'ETH-TRY', 'XRP-TRY', 'BAT-BTC', 'EOS-BTC', 'ETH-BTC', 'OMG-BTC', 'POWR-BTC', 'SNT-BTC', 'TRX-BTC', 'XRP-BTC', 'LTC-BTC', 'BAT-ETH', 'EOS-ETH', and 'OMG-ETH'.

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100000000.00  
80000000.00

Elements Console Sources Network Performance Memory Application Security Lighthouse

Preserve log Disable cache No throttling

Filter Hide data URLs All XHR JS CSS Img Media Font Doc WS Manifest Other Has blocked cookies Blocked Requests

Name

- ☐ pairs
- ☐ getfavorites?t=1621340295668
- ☐ balances
- ☐ bittest-accountinfo
- ☐ ?pair=BITCI-TRY&EIO=3&transport=polling&t=Nb\_QPFN
- ☐ orders?pair=BITCI-TRY&t=1621340296142
- ☐ 60
- ☐ ?pair=BITCI-TRY&EIO=3&transport=polling&t=Nb\_QPNC&sid=QDN\_e5odVnKDsY81AADP
- ☐ 60

Headers Preview Response Initiator Timing Cookies

▼ [{pkPair: 29, Pair: "BTC-TRY", tickSize: 0.01, Active: true, minTrade: 0.01}, {pkPair: 30, Pair: "ETH-TRY", tickSize: 0.01, Active: true, minTrade: 0.01}, {pkPair: 31, Pair: "XRP-TRY", tickSize: 0.01, Active: true, minTrade: 0.01}, {pkPair: 1, Pair: "BAT-BTC", tickSize: 1e-8, Active: true, minTrade: 0.01}, {pkPair: 3, Pair: "EOS-BTC", tickSize: 1e-8, Active: true, minTrade: 0.01}, {pkPair: 4, Pair: "ETH-BTC", tickSize: 0.000001, Active: true, minTrade: 0.01}, {pkPair: 5, Pair: "OMG-BTC", tickSize: 0.000001, Active: true, minTrade: 0.01}, {pkPair: 6, Pair: "POWR-BTC", tickSize: 1e-8, Active: true, minTrade: 0.01}, {pkPair: 7, Pair: "SNT-BTC", tickSize: 1e-8, Active: true, minTrade: 0.01}, {pkPair: 8, Pair: "TRX-BTC", tickSize: 1e-8, Active: true, minTrade: 0.01}, {pkPair: 10, Pair: "XRP-BTC", tickSize: 1e-8, Active: true, minTrade: 0.01}, {pkPair: 11, Pair: "LTC-BTC", tickSize: 0.000001, Active: true, minTrade: 0.01}, {pkPair: 12, Pair: "BAT-ETH", tickSize: 1e-8, Active: true, minTrade: 0.01}, {pkPair: 14, Pair: "EOS-ETH", tickSize: 0.000001, Active: true, minTrade: 0.01}, {pkPair: 15, Pair: "OMG-ETH", tickSize: 0.000001, Active: true, minTrade: 0.01}]



## Socket message types

Ticker and ticker24 updates the current values of the selected pair

Curr\_price updates the current price display of the current pair

Depth\_data\_buy, depth\_data\_sell and depth\_snapshot updates the order book values

Trade\_history updates the list of recent trades

Order\_update triggers /api/orders calls

Balance\_update triggers /api/balances call

```
export const TICKER = 'ticker'

export const TICKER24 = 'ticker24'

export const DEPTH_DATA_BUY = 'depth_data_buy'

export const DEPTH_DATA_SELL = 'depth_data_sell'

export const CURR_PRICE = 'curr_price'

export const TRADE_HISTORY = 'trade_history'

export const PAIRS = 'pairs'

export const ORDER_UPDATE = 'order_update'

export const EDIT_ORDER = 'update_order'

export const DEL_ORDER = 'delete_order'

export const BALANCE_UPDATE = 'balance_update'

export const PLACE_ORDER = 'placeOrder'

export const DEPTH_SNAPSHOT = 'depth_snapshot'
```

For details of socket communication and api please see

/src/api

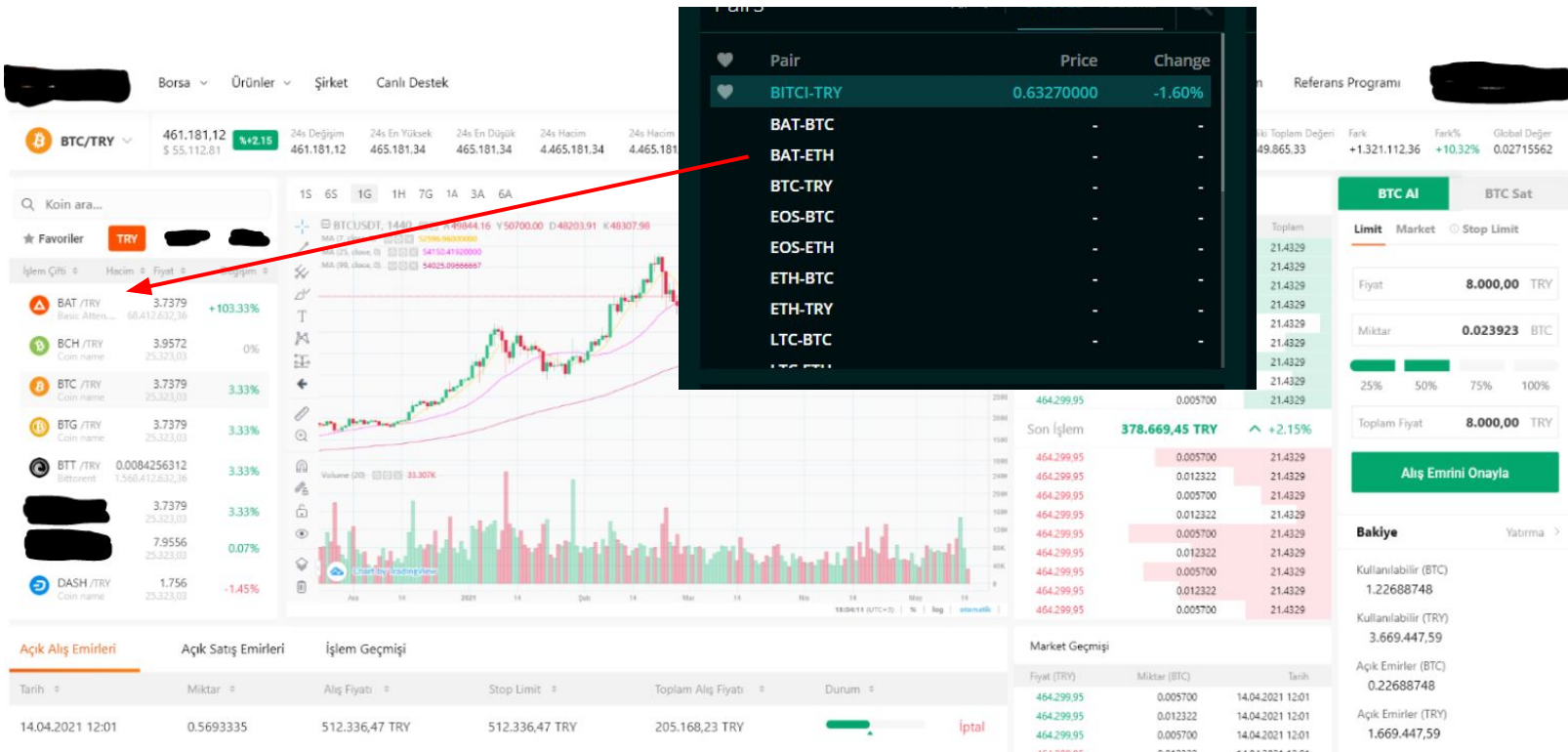
and

/src/utils/socket

folders of the source code

Please ignore all api calls starting with “admin”

The admin UI will be different and all admin functions are to be removed from this UI



This list comes from /api/pairs and the values are updated over the socket ("pairs" message)  
There are api calls for favorites: getfavorites, addfavorites and removefavorites

In general for tickers and pairs, o, c, h, l, v means:

O: open (beginning) value for the selected time period (for example 24 hour)

C: close (latest-current) value

H: highest value seen within the time period

L: lowest value seen within the time period

V: total volume of transactions within the time period









### Your Balances

Asset	Balance	Actions
TRY Türk Lirası	148604820.8026756	
BAT BAT	100000	
BTC Bitcoin	100000.00006	

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	BTG /TRY	3.7379	25.323,03	3.33%
	BTT /TRY	0.0084256312	1.568.412.632,36	3.33%
		3.7379	25.323,03	3.33%
		7.9556	25.323,03	0.07%
	DASH /TRY	1.756	25.323,03	-1.45%



Açık Alış Emirleri	Açık Satış Emirleri	İşlem Geçmişi			
Tarih	Miktar	Alış Fiyatı	Stop Limit	Toplam Alış Fiyatı	Durum
14.04.2021 12:01	0.5693335	512.336,47 TRY	512.336,47 TRY	205.168,23 TRY	<div><div></div></div> İptal
14.04.2021 12:01	0.5693335	512.336,47 TRY	512.336,47 TRY	205.168,23 TRY	<div><div></div></div> İptal
14.04.2021 12:01	0.5693335	512.336,47 TRY	512.336,47 TRY	205.168,23 TRY	<div><div></div></div> İptal
14.04.2021 12:01	0.5693335	512.336,47 TRY	512.336,47 TRY	205.168,23 TRY	<div><div></div></div> İptal
14.04.2021 12:01	0.5693335	512.336,47 TRY	512.336,47 TRY	205.168,23 TRY	<div><div></div></div> İptal
14.04.2021 12:01	0.5693335	512.336,47 TRY	512.336,47 TRY	205.168,23 TRY	<div><div></div></div> İptal
14.04.2021 12:01	0.5693335	512.336,47 TRY	512.336,47 TRY	205.168,23 TRY	<div><div></div></div> İptal

Kasa

Cüzdanlarım

Referans Programı

\$ 48.226,36

\$ 66.129,23

3 Ay

Adet

Ort. Bx. Maliyet

Toplam Maliyet

Şimdiki Toplam Değeri

Fark

Fark%

Global Değer

100.22569874

547.696,36

1.100.225.632,21

11.549.865,33

+1.321.112,36

+10.32%

0.02715562

Emir Defteri

Fiyat (TRY)	Miktar (BTC)	Toplam
464.299,95	0.005700	21.4329
464.299,95	0.012322	21.4329
464.299,95	0.005700	21.4329
464.299,95	0.012322	21.4329
464.299,95	0.005700	21.4329
464.299,95	0.012322	21.4329
464.299,95	0.005700	21.4329
464.299,95	0.012322	21.4329
464.299,95	0.005700	21.4329
464.299,95	0.012322	21.4329

Son İşlem

378.669,45 TRY

+2.15%

Fiyat (TRY)	Miktar (BTC)	Tarih
464.299,95	0.005700	14.04.2021 12:01
464.299,95	0.012322	14.04.2021 12:01
464.299,95	0.005700	14.04.2021 12:01
464.299,95	0.012322	14.04.2021 12:01
464.299,95	0.005700	14.04.2021 12:01
464.299,95	0.012322	14.04.2021 12:01
464.299,95	0.005700	14.04.2021 12:01
464.299,95	0.012322	14.04.2021 12:01
464.299,95	0.005700	14.04.2021 12:01
464.299,95	0.012322	14.04.2021 12:01

BTC Al

BTC Sat

Limit

Market

Stop Limit

Fiyat

8.000,00 TRY

Miktar

0.023923 BTC

25%

50%

75%

100%

Toplam Fiyat

8.000,00 TRY

Alış Emri Onayla

Bakiye

Yatırma

Kullanılabilir (BTC)

1.22688748

Kullanılabilir (TRY)

3.669.447,59

Açık Emirler (BTC)

0.22688748

Açık Emirler (TRY)

1.669.447,59

This will be simplified. Current one is detailed list. The new one is just totals. API will be provided

These are the new functionalities not existent in the current code.

Part 1 will mostly be derived from `/api/ticker/{pair}/{starttime}/1d` api call with current value updated using the `curr_price` value coming from the socket. We can discuss that later once the other functions are ok  
For Part 2 we will have a separate api call `/api/getprofitloss` (we currently have this in backend, only minor changes needed, you can call the api and see the results)

