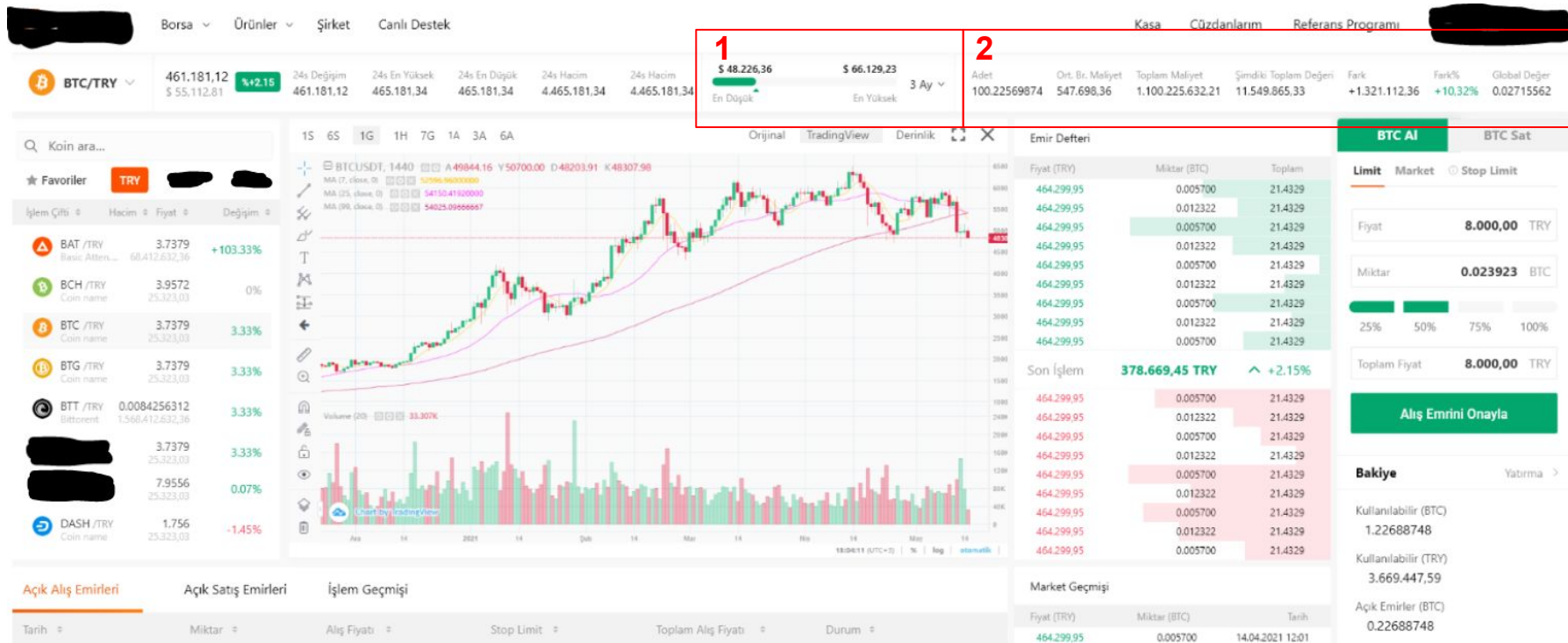


This document contains information about sections 1 and 2 shown below.

These are new APIs for these sections.

So you cannot find the details in the previous source code, you need to refer to the next pages.



Section 1 is about displaying information based on the selected time frame.



Timeframe selection, selection box with items below (parentheses are only for your reference, not to be included in the design)

1 Saat (this means 1 hour)

4 Saat (4 hours)

24 Saat (24 hours)

7 Gün (7 days)

30 Gün (30 days)

3 Ay (3 months)

6 Ay (6 months)

12 Ay (12 months)

Tüm Zamanlar (all time)

The default can be 24 hours and user can select any of the above time frames.

You need to make an api call like this: `/api/tickerstat/{pair}/{fromHour}/{toHour}`

Eg. `/api/tickerstat/BITCI-TRY/1613836800/1621526400`

In this url, BITCI-TRY is the selected pair at that time. First number is starting hour, Second number is end hour, both being Unix Epoch in seconds (<https://www.epochconverter.com/>).



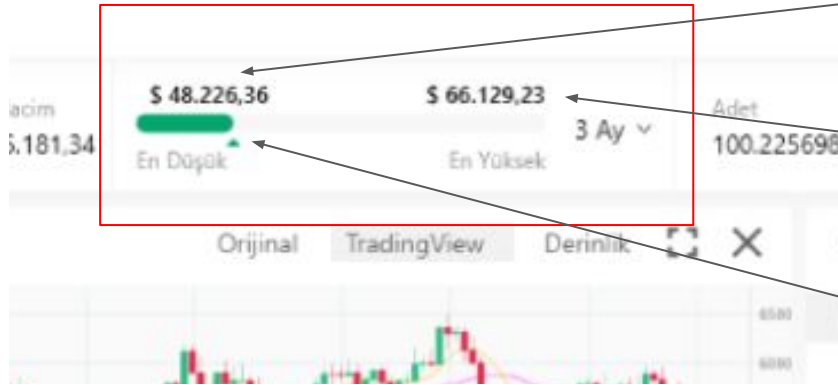
You need to calculate fromhour and tohour based on the current date and the timeframe selected here.

For example if 7 days is selected, fromhour should be exactly 7 days before the current date

tohour is always the hour that we are currently in.

The api result is like this:

```
{"t":1613836800,"o":0.5871000000000000,"c":0.6327000000000000,"v":127261532.996407714800000000,"h":0.6700000000000000,"l":0.5820000000000000}
```



This is the “l” value from the api call result.

This is the “h” value from the api call result

This indicator shows the current price value. Initially this can be “c” value from the api result. However for each curr_price message coming from the socket, this value should be updated.

When curr_price message comes from the socket, you need to do this:

If (curr_price < {“l” value obtained from the api}) l = curr_price

If (curr_price > {“h” value obtained from the api}) h = curr_price

Therefore l (low) and h (high) values will always be correct

Section 2 is about displaying user's current profit/loss position



Adet	Ort. Br. Maliyet	Toplam Maliyet	Şimdiki Toplam Değer	Fark	Fark%	Global Değer
100.22569874	547.698,36	1.100.225.632,21	11.549.865,33	+1.321.112,36	+10,32%	0.02715562

Emir Defteri

BTC Al BTC Sat

These values (first 3 of them) will come from the api: `/api/getprofitloss`

The result json is like this: (see next page for details)

```
{  
  "Pair": "BITCI-TRY",  
  "totalamount": 136.000000000000000000,  
  "totalcost": 86.287679000000000000,  
  "realizedpl": -1.519979000000000000,  
  "avgcost": 0.6344682279411764705882352941  
}
```

Please note that this is an array and there will be this object for each pair in the same api result. You need to display the result for selected pair in the UI.

This value should be calculated as $\{\text{current total}\} - \{\text{totalcost}\}$

Adet	Ort. Br. Maliyet	Toplam Maliyet	Şimdiki Toplam Değer	Fark	Fark%	Global Değer
100.22569874	547.698,36	1.100.225.632,21	11.549.865,33	+1.321.112,36	+10,32%	0.02715562

Emir Defteri

BTC Al BTC Sat

This is:
 $\text{Fark} / \{\text{totalcost}\}$

{

```
"Pair": "BITCI-TRY",  
"totalamount": 136.000000000000000000,  
"totalcost": 86.287679000000000000,  
"realizedpl": -1.519979000000000000,  
"avgcost": 0.6344682279411764705882352941
```

}

The value is:
 $\text{totalamount} * \text{curr_price (from socket)}$

All “calculated” values in this widget should be updated (recalculated) everytime there is a “curr_price” message from socket.