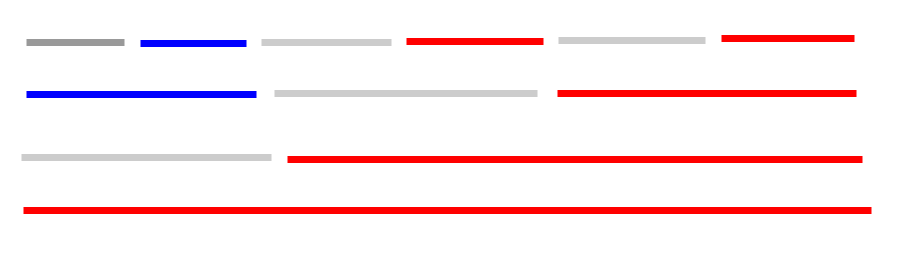
Multi Time frame

With each indicator(s), we can define the trends: up(red), down(blue), neutral(gray).

Sometimes we have only 2: up(red), down(blue).

As input variables, if I choose M15(15), H1(60), H4(240), D1(1440), then I want to see a new MTF indicator with 4 horizontal lines, which should look like the following (from above M15, H1, H4, D1):



Remark:

I want my indicator do not repaint. Let’s look only 2 Timeframes, M15 and H1.

Assume it is 9:00. From 9:00 to 10:00 the Horizontal Line for the M15 will have 4 new line segments. In this period, H1 bar is not completed, so it can change the color many times during this period.

I want the H1 Horizontal line remains the same color as the color when it completed at 9:00.

This H1 line should change it’s color only when the H1 candle is completed at 10:00. And it should remains the same color until 11:00. And so on… and for all higher timeframes.

input: sc1(1), sc2(1), k1(1.5),

TF1(15), TF1\_hma(20), //TF\_1hma == hma period for Time Frame 1 (M15)

TF2(60), TF1\_hma(20),

TF3(240), TF1\_hma(20),

TF4(1440), TF1\_hma(20);

1. Score1 with a HMA (Hull Moving Average):

HMA = WMA(2\*WMA(Price, Period/2) - WMA(Price, Period), Sqrt(Period)) ;

input: hma\_period(20)

Let v1 = HMA(C, hma\_period) = Hull MA applied to C(=Close) with period = hma\_period.

if v1 > v1[1] > v1[2] then score1 = sc1;

else if var1 < var1[1] < var1[2] then score1 = -sc1;

score1 remains sc1, until it becomes -sc1;

score1 remains -sc1, until it becomes sc1;

// v1 = v1[0] = the value of v1 of the current bar,

// v1[1] = the value of v1 of the previous bar

// v1[2] = the value of v1 of 2nd previous bar.



2.) WA explosion (I’ll give you the source file):

if green bar >= yellow curve then score2 = sc2;

(score5 is remains sc2, until it becomes -sc2)

else if red bar >= yellow curve then score2 = -sc2;

(score5 is remains -sc2, until it becomes sc2)

Score = Score1 + Score2;

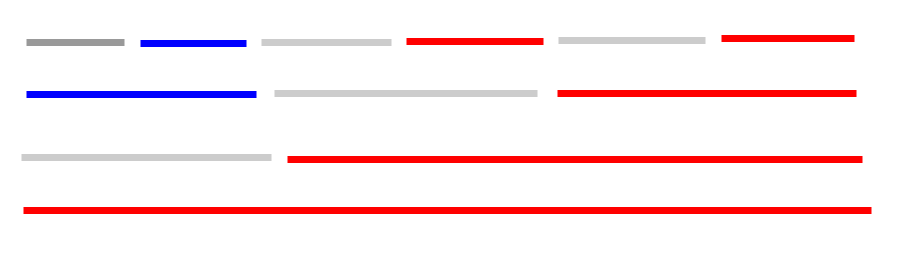
We draw a horizontal line in a separate indicator window:

If Score > k1 then with blue color; (k1 is an input variable.)

Else if Score < -k1 then with red color;

Else with gray color.

If we choose 4 Time Frames, say, M15, H1, H4, D1, then we get 4 horizontal line in a separate indicator window, which looks as following:



If possible, I want 3 indicators.

1. This indicator with score = score1 + score2
2. Same indicator with only score1(Hma)
3. Same indicator with only score2(WA Explosion)