**Project : Making new indicator by using 1 pre-made indicator as I described**

I have a request of making 1 new indicator by using 1 pre-made indicator.

Firstly, take a look at below 2 images, please.

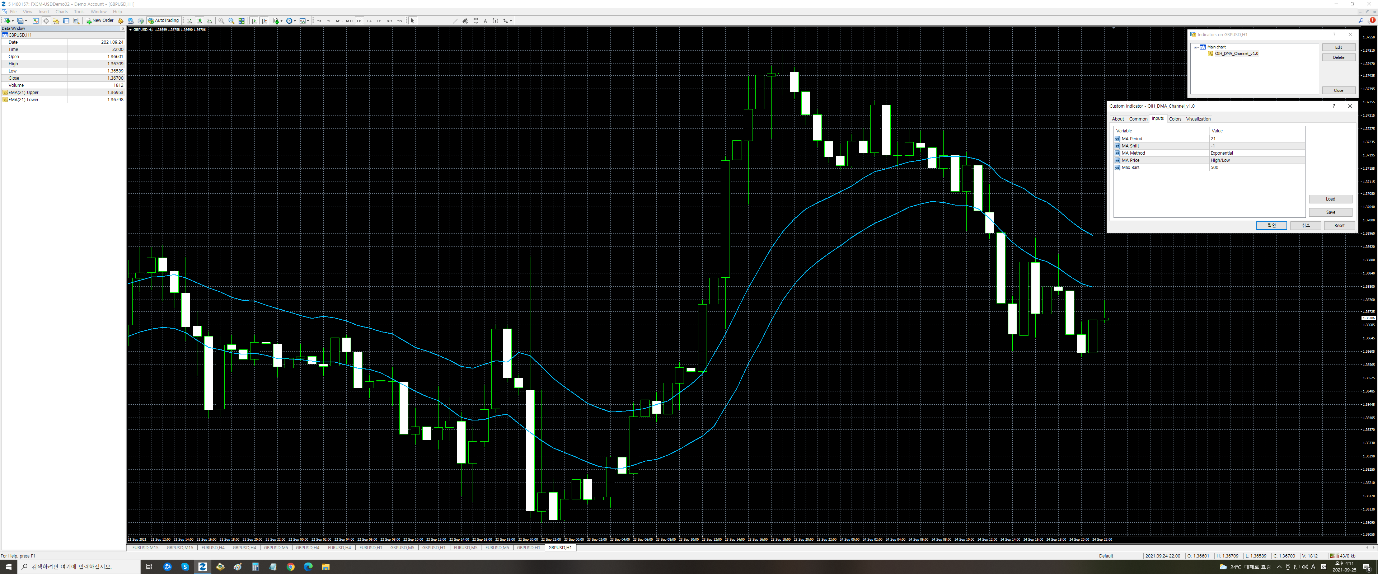


Image of OIH\_DMA\_Channel\_v1.0\_2109251612

Above image shows lines of OIH\_DMA\_Channel\_v1.0.

And there are only 2 buffers in data window.

New indicator will have few extra buffers likely as OIH\_SR\_Dots\_ExpRS\_v1.2.

Below image shows values of OIH\_SR\_Dots\_ExpRS\_v1.2.

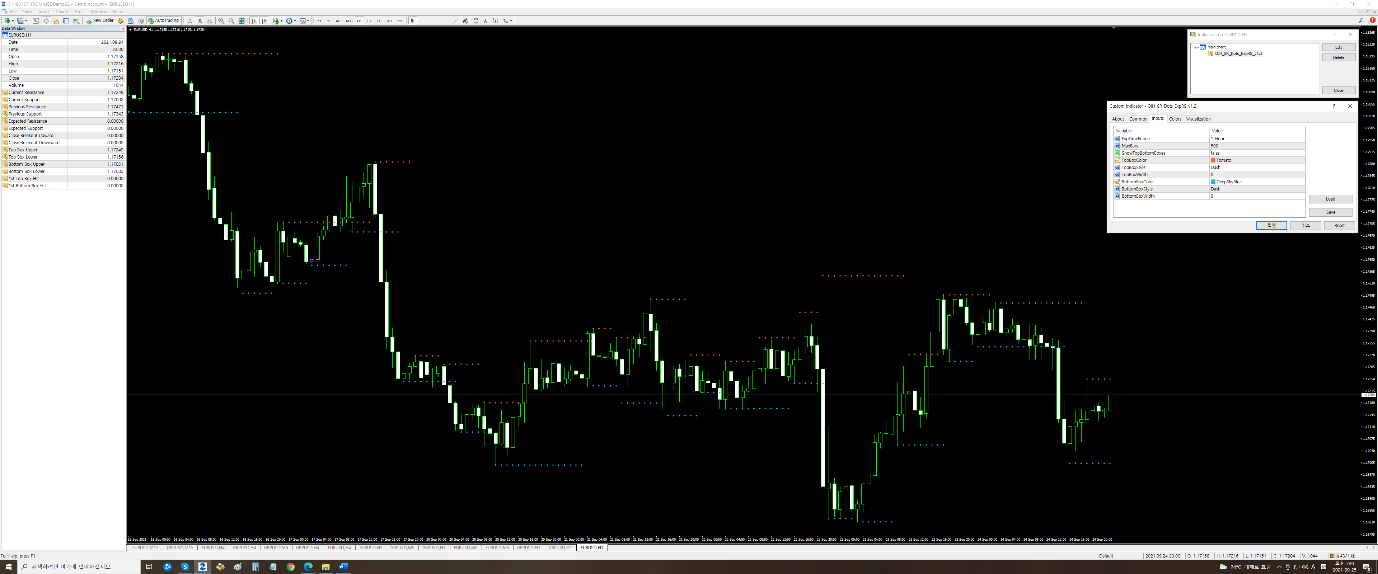


Image of OIH\_SR\_Dots\_ExpRS\_v1.2\_2109251737

“OIH\_SR\_Dots\_ExpRS\_v1.2” has buffers for “Top / Bottom Box Upper / Lower” and “1st Top / Bottom Box Hit”.

New indicator will have same buffers likely as “OIH\_SR\_Dots\_ExpRS\_v1.2”.

Finally, new indicator will have extra buffers as followings below.

v1 EMA(21) Upper 1.12345

v2 EMA(21) Lower 1.12345

v3 Previous Upper 1.12345

v4 Previous Lower 1.12345

v5 Top Box Upper 1.12345

v6 Top Box Lower 1.12345

v7 Bottom Box Upper 1.12345

v8 Bottom Box Lower 1.12345

v9 1st Top Box Hit 1.12345 / 0.00000

v10 1st Bottom Box Hit 1.12345 / 0.00000

**Details of above buffers**

**v1 EMA(21) Upper** – Just same as current indictor

**v2 EMA(21) Lower** - Just same as current indictor

**v3 Previous Upper** – Upper line value of “N-1” candle

**v4 Previous Lower** - Lower line value of “N-1” candle

\*\* “v3 Previous Upper” will show “Upper line value” of **“-2”**th candle if I set “MA Shift” to **“-1”**.

🡺 If “MA Shift” set to **“-1”**, then **“-2”**th value of Upper line

If “MA Shift” set to **“-2”**, then **“-3”**th value of Upper line

If “MA Shift” set to **“0”** (that means no shift), then value of Upper line on the 1st previous candle

\*\* “v4 Previous Lower” will show “Lower line value” of **“-2”**th candle if I set “MA Shift” to **“-1”**.

🡺 If “MA Shift” set to **“-1”**, then **“-2”**th value of Lower line

If “MA Shift” set to **“-2”**, then **“-3”**th value of Lower line

If “MA Shift” set to **“0”** (that means no shift), then value of Lower line on the 1st previous candle

**v5 Top Box Upper** – Value of **“v3 Previous Upper”**

**v6 Top Box Lower** – Below 10% value of **“v5 Top Box Upper”**

**v7 Bottom Box Upper** - Above 10% value of **“v8 Bottom Box Lower”**

**v8 Bottom Box Lower** – Value of **“v4 Previous Lower”**

**v9 1st Top Box Hit** – 1st breakout upward of **“v6 Top Box Lower”**

**v10 1st Bottom Box Hit** - 1st breakout downward of **“v7 Bottom Box Upper”**

**Duration of v9 and v10**

When “1st Top / Bottom Box Hit” happened on current candle, then it will show the value (Price\_High / Low) till the end of current candle – **ISM** calculation

If new bar happened on current candle, it will show “0.00000”.

An example of v9 1st Top Box Hit

Now, “1st Top Box Hit” happened on current candle, so it shows “1.12345” in “v9 1st Top Box Hit”.

This numerical value will be shown till the end of current candle of H1 (default setting in option).

If new candle of H1 happened on current candle, then it will show “v9 1st Top Box Hit == 0.00000” on current candle.

At this time, “v10 1st Bottom Box Hit” == 0.00000 or numerical value when price\_low[H1] hit “v7 Bottom Box Upper”.

Because price sometimes move big up and down at the same time just on current candle.

If so, “v9 == 1.12345 and also v10 == 1.12345” is normal way in this case.

Finally, new indicator will have default options as followings below.

**TimeFrame H1**

**MA Period 21**

**MA Shift -1**

**MA Method Exponential**

**MA Price High/Low**

**MaxBars 500**

**ShowTopBottomBoxes False**

**TopBoxColor Tomato**

**TopBoxStyle Dash**

**TopBoxWidth 0**

**BottomBoxColor DeepSkyBlue**

**BottomBoxStyle Dash**

**BottomBoxWidth 0**

File name of a new indicator will be **“OIH\_DMA\_Channel\_v1.1”.**

**Requirement(s)**

∙ It should work properly as I described.