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1- Dummy Number theory

Read First: The number of buttons of this expert could expand from 527 buttons (no single pair on dashboard) to 2175 buttons (42 pairs on dashboard). These buttons are classified as: 1) Passive buttons, 2) Active-Save buttons, and 3) Active-Fire buttons.

D-Theory

I coined new forex word "tripette" to ease trading different instruments with great disparity prices

- 1- When EURUSD moves from 1.22345 to 1.122346, we say it moves by 1 pipette
- 2- When EURUSD moves from 1.22345 to 1.122355, we say it moves by 1 pip (ignore last digit)
- 3- When USDNOK moves from 8.12345 to 8.12445, we say it moves by 1 tripette (ignore last two digits)
- 4- When DowJonz30 moves from 29123.45 to 29124.45, we say it moves by 1 tripette (ignore last two digits)
- 5- When Gold XAUUSD moves from 1823.45 to 1824.45, we say it moves by 1 tripette (ignore last two digits)

and this expert is designed on all three choices-- you can choose pipette mode, pip mode or tripette mode.

2- D-Theory (Tripette concept)



D=1 Button "CONVERT TO **PIPPETE**" box, Box in red will change to D1 immediately according to my D-Theory, D=1 ==> Pippetes

to clarify more:

assume **unhomogenous** pairs prices, for example: eurUSD and ger30

EURUSD: 1.2234**5** --

ger30: 1312**3**.45 --

if your O=5 pips

EURUSD: 1.2234**5** -- to -- 1.223**9**5 -- pip pair (we ignore 1 digit--last digit)

3- Last nth decimal



for EURUSD nth=5th (1.1834**5**)

for US30Roll nth=2nd (only 2 digits after decimal point 29543.**21**)

if EURUSD price now is 1.18345 and O=D=10 pips

do you want to include 5th digit or make it zero?

example for sell 1st order should be at $1.18345 + 10 \text{ pips} = 1.18445$
your desire is 1.18440 or 1.18445 ? (zeros last digit which is fractional pip)

you can decide using some expert icons

if you select "0", the first 3 sell orders will be:

1.18345
1.18445
1.18545
1.18645

if you select "1", the first 3 sell orders will be: = (delete 1 digit from the right)

1.18345
1.18440
1.18540
1.18640

if you select "2", the first 3 sell orders will be: = (delete 2 digit from the right)

1.18345
1.18400
1.18500
1.18600

many people like integer-like numbers!!
any how it depends on you, it is a trivial matter!

4- Beginners to start immediately to see how the Expert works

0- Apply expert to chart

1- click on sparam box to be RED----if RED do not click

2- click on MY box

3- click on "Orange 1"

4- click on Reference box

5-click on Pairs box

The expert will start to work on 28 pairs opening position on any pairs drop or jump by 1 pips

use mouse only, do not try to understand, just observe as a an expert-biggner

this answer may shorten your road.



then after 37 minutes, when you are watching "expert is executing orders" , go to my first post then second post and so on in series. do not jump please

5- Basic Buttons

1) Mouse-Clicks Buttons

Why?: this button is designed mainly for "Active-Fire" elements. To prevent your kids intervention if you are outside, or any other reason like false or un-intentional clicks. imagine after finishing your setting, and OnLineTrading starts! then you click on "**Orange 25**" button, which definitely will **damage** all your previous setting. it is a step equivalent to attaching expert now to the chart. if it is **RED**: "Lock-status" , you can not change status or values of any fire button. do not expect any reaction at all. if it is **GREEN**: "Clicks-Status" , you can click on any fire button.

Feature: it has a **timer** showing when next "Lock" will happen. total time is 900 sec (15 min) it decrements(decreases) to **0** sec then "Lock-status" takes place, and timer disappear if you see value for example 19 sec, and you want more time, just click on lock-timer button. it will set timer at max, at 900 sec.

How to make it Green if it is not? one of the best behaviors here is "Easy to construct, difficult to deconstruct":

- 1-- you can easliy lock clicks. just click on MOUSE-CLICKS once.
- 2-- but you can not remove lock easily. it is doen through 3 steps:
 - 2-1: click on "PASS"----becomes RED
 - 2-2: then click on "WORD"---- Becomes Red
 - 3-2: then click on "MOUSE-CLICKS"----Becomes Green
- 3-- what prevent clicks on all buttons is the BLACK-OUT button.

511350258: EquitiGroup-Demo - Demo Account - [EURUSD,Weekly]

File View Insert Charts Tools Window Help

New Order AutoTrading

Balance: 50,000.00 USD Profit/Loss: 0.00 Equity: 50,000.00 Free margin: 50,000.00

Repeated Lesson: Mouse Clicks Button

Why?: this button designed mainly for "Active-Fire" elements. To prevent your kids intervention if you are o imagine after finishing your setting, and OnLineTrading starts! then you click on "Orange 25" button, which equivalent to attaching expert now to the chart.

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some hints:

- 1- one of good things here: when under "Lock-Status" -- and you click on any fire button, its *sparam name* will be shown in sparam bar.
- 2- ForexFactory.com/Macd-rsi bar will be RED also under Lock-status.

Some hints:

- 1- One of good things here: when under "Lock-Status" -- and you click on any fire button, its *sparam name* will be shown in sparam bar.
- 2- ForexFactory.com/Macd-rsi bar will be RED also under RED-status.
- 3- The timer button will disappear under RED-status. No need for that button.

2) Ready-Made-Dummy Numbers

Goal: to make your live easy. dummy number is a revolutionary theory in expene o tarditiona way od setting any expert external variables.

0- all of them are **Active-Save**

1- it incudes numbers from "1" to "101", quick way to select O, D, TP, TO, LL values

2- "0" button consider it the counterpart of "BIG" button

3- BIG is the big number that you may need it some times. For example you want to set lower equity in echo-Skat system at current equity. just choose BIG number.

4- values that may suite more lots selection like "0.01", "0.2" etc

5- values that may be used to make some paramterS as if it is at enfinity, for exaple "750" for "TO"

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92

0.01	0.02	0.03	0.04
0.05	0.06	0.07	0.08
0.09	0.10	0.20	0.25
0.50	250	500	750
1000	2500	10000	BIG

124 buttons for ready-made-dummy values

6- Pair Selection

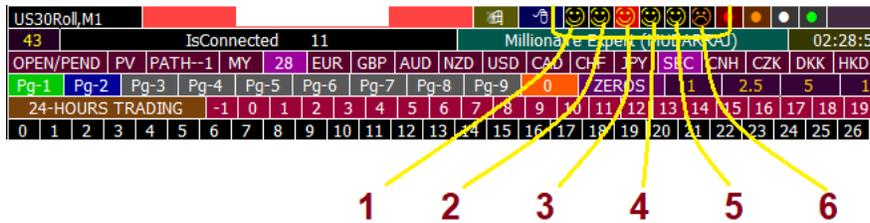
1) Display Pairs

#Post 2 to #Post 33

#Post 214 to #Post 220

2) Smiling Faces

#Post 222 to #Post 233



1- is **expert** is enabled

2- is **autotrading** is allowed

3- is **internet** is connected + alert sound

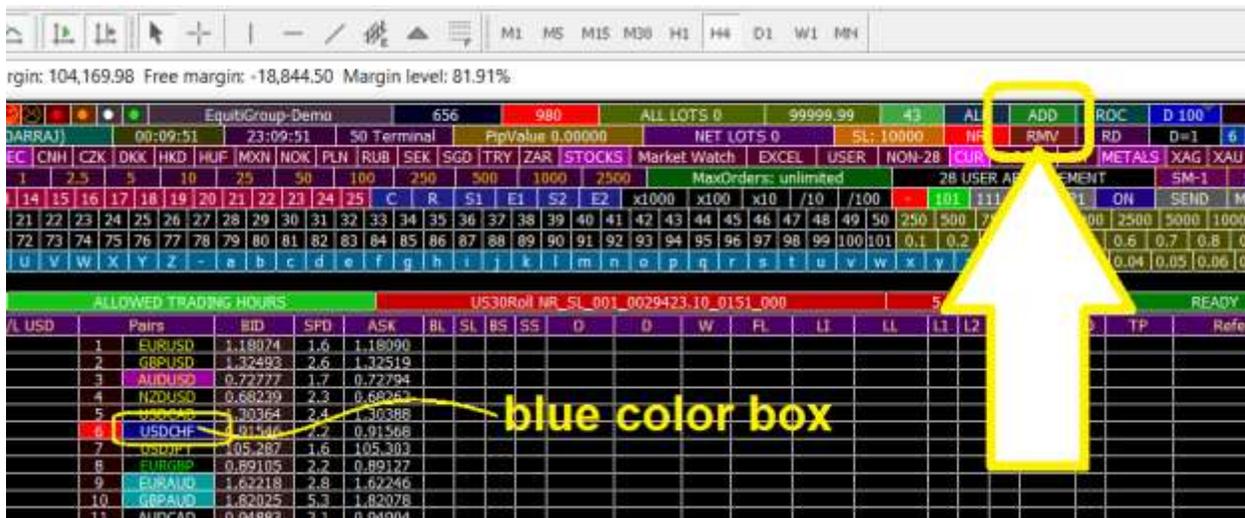
4- is dynamic link libraries **DLL** allowed + music sound

5- is Library allowed + no sound

6- is you account **demo or live**

3) Other Buttons

a) ADD box



ADD box--to **activate** specific currency pairs

[Quoting zoraxfx](#)

Hi Mohammed I trade only London session and next week I'd like to use just EUR and GBP pairs. About EUR pairs I click on EUR but if I click again on GBP there is not adding GBP pairs. Any idea ?

I explain in detail two days ago the following **"ADD"** box

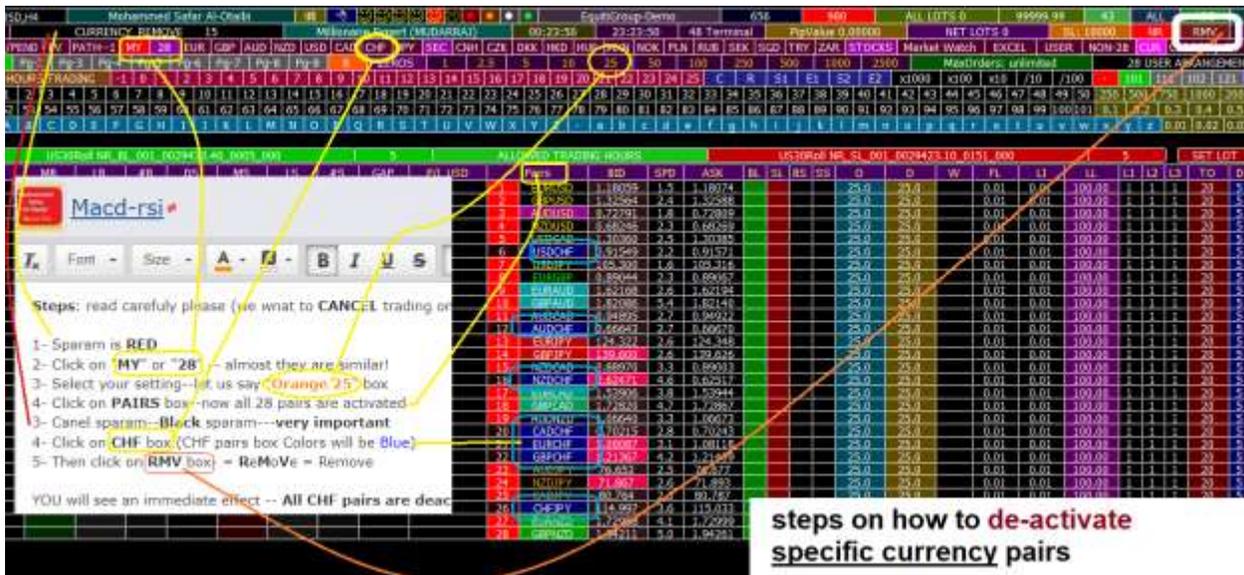
- 1- select **28**-pairs
- 2-de-activate **SPARAM**
- 3-click on **GBP**
- 4-click **ADD**
- 5-click **EUR**
- 6-click **ADD**

You should see something like this:



b) RMV box

RMV box--to [cancel](#) or [deactivate](#) specific currency pairs(for example you never trade **CHF** pairs due to low leverage)



Steps: read carefully please (we want to **CANCEL** trading on **CHF** pairs) and allow for remaining 28 pairs.

- 1- Sparam is **RED**
- 2- Click on **"MY"** or **"28"** -- almost they are similar!
- 3- Select your setting--let us say **"Orange 25"** box
- 4- Click on **PAIRS** box--now all 28 pairs are activated
- 3- Canel sparam--**Black** sparam---**very important**
- 4- Click on **CHF** box (CHF pairs box Colors will be **Blue**)
- 5- Then click on **RMV** box- = **ReMoVe** = Remove

YOU will see an immediate effect -- **All CHF pairs are deactivated.**



ADD box--to activate specific currency pairs

follow the same procedures for RMV box, assuming all 28 pairs not activated, when you choose to activate only EUR pairs, simply click EUR,

== EUR PAIRS will be blue,
then click ADD box

do not forget to cancel SPARAM first

if not, when you click on EUR, it will change group elemnts!! **unwelcomed situation!** as explained in first 30 posts!

we select currency
therefore: chosen currency pairs boxes will be **BLUE**

7- On-Line Order Concept

Dashborad main 3 components



As a newbie, the first thing to recognize is that "dashboard is composed of 3 parts"

- 1- **Input** part: above 20 columns -- in the middle
- 2- **very important output** part (the core of this expert) - in the left side. Math calculation **to take entry decisions**
- 3- **unimportant output** part which shows P/L, average prices and gaps-- to the right side (6 columns) -- calculations **after** entry!

Using the EA to place orders based on the following O/D concept

I clicked here on 25

then the **default values** of "25-setting " are shown on dashboard

BL and SL are activated

pairs not activated--for safe operation

O=D=25 pips

TakeProfit= 100 pips
#of orders = 20
Ladder = 5
L1L2L3 = 111
FirstLot = 0.01 lot
increment Lots = 0.01 lot
W= 0 pips (no Widening)

1) Offset Pips Concept (O)

O = 25 **pips** means the **first hidden pending order** will be executed if price goes against your **Reference B/S Price** by 25 pips

O: for the first order--it is clear!!

2) Difference Pips Concept (D)

D: for the second order and above, (2nd, 3rd, 4th etc.... orders)

if $O=25$ **pips** and $D=25$ *pips* then:

2nd order will be executed after 50 **pips**, $(25+25)$

3rd order will be executed after 75 **pips**, $(25+25+25)$

and so on

imagine $O=25$ pips and $D=31$ pips. then:

1st order after 25 pips.

2nd order after 56 pips. $(25+31)$

3rd order after 87 pips. $(25+31+31)$

4th order after 118 pips. $(25+31+31+31)$

and so on.

1st order after 25 pips.

3) Order Types

Assume $O=D=10$, $TP=20$, $TO = 5$, $L1/L2/L3 = 1/1/1$

Example Ref P: **0.95600**

a) BL = Buy Limit

Buy Limit Price below Ref P by $O=D=10$

BL	TP
0.95500	0.95700
0.95400	0.95600
0.95300	0.95500
0.95200	0.95400
0.95100	0.95300

b) SL = Stop Limit

Stop Limit Price above Ref P by $O=D=10$

BL	TP
0.95700	0.95500
0.95800	0.95600
0.95900	0.95700
0.96000	0.95800
0.96100	0.95900

c) BS = Buy Stop

Buy Stop Price above Ref P by O=D=10

BL	TP
0.95700	0.95900
0.95800	0.96000
0.95900	0.96100
0.96000	0.96200
0.96100	0.96300

d) SS = Sell Stop

Sell Stop Price below Ref P by O=D=10

BL	TP
0.95500	0.95300
0.95400	0.95200
0.95300	0.95100
0.95200	0.95000
0.95100	0.94900

in column #B or #S, will **might** see **doubled numbers**

IN YOUR CASE

#B shows the number of BL and BS orders

#S shows the number of SL and SS orders

assume price goes up 5 pips then drop 10 pips (5 pips back to ref price) and more 5 pips below ref.

O=D=1

then 5 BS is executed then 5 BL is executed,

sum is #B=10, even though you see DB= -5, NOT -10

CE PRICES ON BAR		19	3.34	SPL: 10000	0.01	UKOILRoll F_SL014.							
		Day	999.99%	24H	D	304965.62							
B/S Price	#	Pairs	d	ASK	n	SPD	n	BID	BL	SL	BS	SS	O
24.049	1	SIH1		24.233	▲	1.8	▲	24.215					1.0
30062.80	2	US30Roll		29978.40	▲	1.80	▲	29976.60					1.00
12341.88	3	UT100Roll		12393.50	▲	1.00	▲	12392.50					1.00
13338.50	4	DE30Roll		13301.75	▲	1.00	▲	13300.75					1.00
26650.50	5	JP225Roll		26705.50	▼	10.00	▼	26695.50					1.00
26284.50	6	HK50Roll		26428.50	▼	8.00	▼	26420.50					1.00
6700.80	7	AUS200Rol		6670.90		4.80		6666.10					1.00
5552.80	8	FRA40Roll		5553.85	▲	1.20	▲	5552.65					1.00
8208.50	9	ESP35Roll		8195.00		6.00		8189.00					1.00
3530.15	10	EU50Roll		3523.45		0.90		3522.55					1.00
16644.57	11	CHINA50Ro		16752.97		8.40		16744.57					1.00
1838.92	12	XAUUSD		1839.79	▲	0.44	▲	1839.35					1.00
45.770	13	USOILRoll		47.508	▼	2.9	▼	47.479					1.0
49.008	14	UKOILRoll		50.659	▼	2.9	▼	50.630					1.0
0.74368	15	AUDUSD		0.75136	▼	1.5	▼	0.75121					1.0
0.70166	16	NZDUSD		0.7073									1.0
1.28079	17	USDCAD		1.2717									1.0
104.179	18	USDJPY		104.35									1.0
1.20788	19	EURUSD		1.2122									1.0
1.62152	20	EURAUD		1.6136									1.0
1.71827	21	EURNZD		1.7142									1.0
1.54782	22	EURCAD		1.5416									1.0
125.810	23	EURJPY		126.49									1.0
0.90094	24	EURGBP		0.9127									1.0
1.33874	25	GBPUSD		1.3283									1.0
1.79799	26	GBPAUD		1.76815	▼	5.6	▼	1.76759					1.0

BL=Green
 SL = Red
 BS=Aqua
 SS=Orange

Three semi-Green colors for BUY (GREEN-AQUA-BLUE)
 Three semi-Red colors for SELL (RED-ORANGE-PINK)

if BL reach max # of TO --- box #B will be **Green**
 if BS reach max # of TO --- box #B will be **Aqua**
 if both BL and BS reach max limits of TO (double of TO) box#B will be **Blue**
 the result will be reflected also on **TO** column cells--identical

if SL reach max # of TO --- box #S will be **Red**
 if SS reach max # of TO --- box #S will be **Orange**
 if both SL and SS reach max limits of TO (double of TO) box#S will be **Pink**
 the result will be reflected also on **LD** column cells--identical

as shown on picture:
 look at 14 (7 BLs + 7 BSs) --- TO = 7 below:



And for LotLimiter, any pair reach LotLimiter for any type the same coloring system:

columns LB (BUY) or LS, (SELL)
 plus
 columns of LI (BUY) and LL (SELL)
 their BgColor will react according to 4 types color

Three semi-Green colors for BUY (GREEN-AQUA-BLUE)
 Three semi-Red colors for SELL (RED-ORANGE-PINK)

if BL reach max LL --- box **LB** will be **Green**
 if BS reach max LL --- box **LB** will be **Aqua**
 if both BL and BS reach max limits of LL (double of LL) box **LB** will be **Blue**
 the result will be reflected also on **LI** column cells--identical

if SL reach max LL --- box **LS** will be **Red**
 if SS reach max LL --- box **LS** will be **Orange**
 if both SL and SS reach max limits of LL(double of LL) box **LS** will be **Pink**
 the result will be reflected also on **LL** column cells--identical
 NO NEED FOR PICTURE

5) Widening (W)

W = +1 (Deceleration)
 W = -1 (Acceleration)

both on all 28 pairs use O=D=10 Pips
 but **bazze** use **W=+1**
 while **zorafx** W=0;

Price of YYYXXX pair now is **1.0000**
 they want to enter sell postions on YYYXXX? for 4 orders??

what there 4 entry levels??

W=0 ==> Simple case, no Widening here (W=Widening)

so **zorafx** entry levels:
#1: 1.0010

#2: 1.0020
#3: 1.0030
#4: 1.0040

a) Deceleration ($W = 1$)

Assume use $W = +1$

but for bazze, matter is somewhat complicated.

#1: 1.0010----X
#2: 1.0020----0
#3: 1.0031----1
#4: 1.0043----2

$O=D=10$, distance b.w first two orders will be 10 pips,

now each new order will be the same immediate previous diffetence + W value (read it again: plus W value)

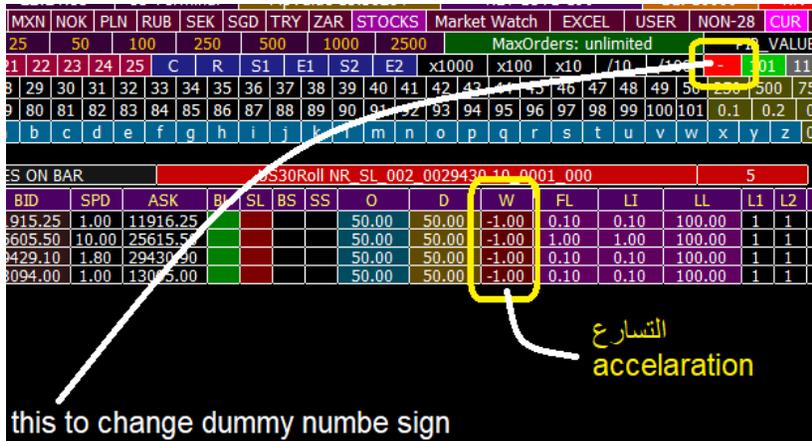
10 pips= difference in pips b/w 1st and 2nd orders
11 pips= difference in pips b/w 2nd and 3rd orders
12 pips= difference in pips b/w 3rd and 4th orders
13 pips= difference in pips b/w 4th and 5th orders
14 pips= difference in pips b/w 5th and 6th orders

a) Acceleration ($W = -1$)

Assume use $W = -1$,

assume we continue . .

#1-: 1.0010---- first order X
#2-: 1.0020---- diff = 10 pips
#3-: 1.0029---- diff = 9 pips
#4-: 1.0037---- diff = 8 pips
#5-: 1.0044---- diff = 7pips
#6-: 1.0050---- diff = 6 pips
#7-: 1.0055---- diff = 5 pips
#8-: 1.0059---- diff = 4pips
#9-: 1.0062---- diff = 3 pips
#10: 1.0064---- diff = 2 pips
#11: 1.0065---- diff = 1 pips
#12: 1.0065---- diff = 0 pips
#13: 1.0064---- diff = -1 pips



- 10 pips= difference in pips b/w 1st and 2nd orders
- 9 pips= difference in pips b/w 2nd and 3rd orders
- 8 pips= difference in pips b/w 3rd and 4th orders
- 7 pips= difference in pips b/w 4th and 5th orders
- 6 pips= difference in pips b/w 5th and 6th orders

What will happen if we continue for 15 orders??? rotation?

be careful please, even though program is smart enough to avoid your possible mistakes

id	time	type	price	symbol	price	3 / L	1 / P	price	month	comment
Balance: 1,069.60 USD Equity: 1,069.60 Free margin: 1,069.60										0.00
2394593	2020.11.13 22:48:46	sell limit	0.22	eurusd	1.18424	0.00000	1.17424	1.18329	X	G_1.18324_SL00.22.100.10X
2394592	2020.11.13 22:48:45	sell limit	0.21	eurusd	1.18524	0.00000	1.17524	1.18329	X	G_1.18324_SL00.21.100.10X
2394590	2020.11.13 22:48:45	sell limit	0.20	eurusd	1.18614	0.00000	1.17614	1.18329	X	G_1.18324_SL00.20.100.10X
2394589	2020.11.13 22:48:45	sell limit	0.19	eurusd	1.18694	0.00000	1.17694	1.18329	X	G_1.18324_SL00.19.100.10X
2394588	2020.11.13 22:48:44	sell limit	0.18	eurusd	1.18764	0.00000	1.17764	1.18329	X	G_1.18324_SL00.18.100.10X
2394587	2020.11.13 22:48:44	sell limit	0.17	eurusd	1.18824	0.00000	1.17824	1.18329	X	G_1.18324_SL00.17.100.10X
2394586	2020.11.13 22:48:44	sell limit	0.16	eurusd	1.18874	0.00000	1.17874	1.18329	X	G_1.18324_SL00.16.100.10X
2394585	2020.11.13 22:48:43	sell limit	0.15	eurusd	1.18914	0.00000	1.17914	1.18329	X	G_1.18324_SL00.15.100.10X
2394584	2020.11.13 22:48:43	sell limit	0.14	eurusd	1.18944	0.00000	1.17944	1.18329	X	G_1.18324_SL00.14.100.10X
2394582	2020.11.13 22:48:42	sell limit	0.13	eurusd	1.18964	0.00000	1.17964	1.18329	X	G_1.18324_SL00.13.100.10X
2394581	2020.11.13 22:48:42	sell limit	0.12	eurusd	1.18974	0.00000	1.17974	1.18329	X	G_1.18324_SL00.12.100.10X
2394580	2020.11.13 22:48:41	sell limit	0.11	eurusd	1.18974	0.00000	1.17974	1.18329	X	G_1.18324_SL00.11.100.10X
2394579	2020.11.13 22:48:41	sell limit	0.10	eurusd	1.18964	0.00000	1.17964	1.18329	X	G_1.18324_SL00.10.100.10X
2394578	2020.11.13 22:48:41	sell limit	0.09	eurusd	1.18944	0.00000	1.17944	1.18329	X	G_1.18324_SL00.09.100.10X
2394577	2020.11.13 22:48:40	sell limit	0.08	eurusd	1.18914	0.00000	1.17914	1.18329	X	G_1.18324_SL00.08.100.10X
2394575	2020.11.13 22:48:40	sell limit	0.07	eurusd	1.18874	0.00000	1.17874	1.18329	X	G_1.18324_SL00.07.100.10X
2394574	2020.11.13 22:48:40	sell limit	0.06	eurusd	1.18824	0.00000	1.17824	1.18329	X	G_1.18324_SL00.06.100.10X
2394573	2020.11.13 22:48:39	sell limit	0.05	eurusd	1.18764	0.00000	1.17764	1.18329	X	G_1.18324_SL00.05.100.10X
2394572	2020.11.13 22:48:39	sell limit	0.04	eurusd	1.18694	0.00000	1.17694	1.18329	X	G_1.18324_SL00.04.100.10X
2394571	2020.11.13 22:48:39	sell limit	0.03	eurusd	1.18614	0.00000	1.17614	1.18329	X	G_1.18324_SL00.03.100.10X
2394570	2020.11.13 22:48:38	sell limit	0.02	eurusd	1.18524	0.00000	1.17524	1.18329	X	G_1.18324_SL00.02.100.10X
2394568	2020.11.13 22:48:38	sell limit	0.01	eurusd	1.18424	0.00000	1.17424	1.18329	X	G_1.18324_SL00.01.100.10X

rotation point

W = minus 1 Effect

D Equity: 1,069.60 Free margin: 1,069.60									0.00
11.13 22:48:46	sell limit	0.22	eurusd	1.18424	0.00000	1.17424	1.18325	×	G_1
11.13 22:48:45	sell limit	0.21	eurusd	1.18524	0.00000	1.17524	1.18325	×	G_1
11.13 22:48:45	sell limit	0.20	eurusd	1.18614	0.00000	1.17614	1.18325	×	G_1
11.13 22:48:45	sell limit	0.19	eurusd	1.18694	0.00000	1.17694	1.18325	×	G_1
11.13 22:48:44	sell limit	0.18	eurusd	1.18764	0.00000	1.17764	1.18325	×	G_1
11.13 22:48:44	sell limit	0.17	eurusd	1.18824	0.00000	1.17824	1.18325	×	G_1
11.13 22:48:44	sell limit	0.16	eurusd	1.18874	0.00000	1.17874	1.18325	×	G_1
11.13 22:48:43	sell limit	0.15	eurusd	1.18914	0.00000	1.17914	1.18325	×	G_1
11.13 22:48:43	sell limit	0.14	eurusd	1.18944	0.00000	1.17944	1.18325	×	G_1
11.13 22:48:42	sell limit	0.13	eurusd	1.18964	0.00000	1.17964	1.18325	×	G_1
11.13 22:48:42	sell limit	0.12	eurusd	1.18974	0.00000	1.17974	1.18325	×	G_1
11.13 22:48:41	sell limit	0.11	eurusd	1.18974	0.00000	1.17974	1.18325	×	G_1
11.13 22:48:41	sell limit	0.10	eurusd	1.18964	0.00000	1.17964	1.18325	×	G_1
11.13 22:48:41	sell limit	0.09	eurusd	1.18944	0.00000	1.17944	1.18325	×	G_1
11.13 22:48:40	sell limit	0.08	eurusd	1.18914	0.00000	1.17914	1.18325	×	G_1
11.13 22:48:40	sell limit	0.07	eurusd	1.18874	0.00000	1.17874	1.18325	×	G_1
11.13 22:48:40	sell limit	0.06	eurusd	1.18824	0.00000	1.17824	1.18325	×	G_1
11.13 22:48:39	sell limit	0.05	eurusd	1.18764	0.00000	1.17764	1.18325	×	G_1
11.13 22:48:39	sell limit	0.04	eurusd	1.18694	0.00000	1.17694	1.18325	×	G_1
11.13 22:48:39	sell limit	0.03	eurusd	1.18614	0.00000	1.17614	1.18325	×	G_1
11.13 22:48:38	sell limit	0.02	eurusd	1.18524	0.00000	1.17524	1.18325	×	G_1
11.13 22:48:38	sell limit	0.01	eurusd	1.18424	0.00000	1.17424	1.18325	×	G_1

- O = Offset = first order level - reference price
- D = Difference b/w *n*th order and (*n*+1)th starting from 2nd order
- W = Widening +deaccelaration -accelaration

assume EUR USD now is 1.18000 O = D = 6 pips



First 4 orders for three cases

2) First Lot (FL)

First Lot Size when price goes against you based on O and D Concept

3) Lot Increment (L) – based on FL

Lot Increment after First Lot (FL) order has been placed as per above

4) Lot Limiter (LL)

LL = Lot limiter column

this column values show the maximum accumulative pairs in one direction for each pair.

for example your balance is 4000 USD -- you want to enter 50 position on EURUSD -- and at the same time you do not want total lots to exceed 3 lots.

simply set EURUSD LL value to 3 lots to avoid risky situations!! it depends on you!

5) L1/L2/L3

Refer to topic on Lots Design Configurations

6) Total Orders (TO)

Total orders in one direction (Buy/Sell) for each type (Stop/ Limit)

Example: TO=20, if you activate SL and BL---then there will be a maximum 20 orders Sell Limit and 20 Sell Limit Orders, which give a Grand total of **40 orders** for the particular pair

7) Ladder (LD)

Number of orders before new order **FI+LI** (subseq Last Order + LI) takes place, depending on **Ladder** Value of **LD**

Example:

FI = 0.01

LI = 0.01

LD = 5 (Ladder)

TO = 20 (total 20 Orders)

After first 5 orders, we increase next 5 orders by LI (0.01 in this case), up to max TO (20 in this case)

Therefore:

1st order = 0.01 lot

2nd order = 0.01 lot

3rd order = 0.01 lot

4th order = 0.01 lot

5th order = 0.01 lot

6th order = 0.02 lot (Last order lot+LI)

7th order = 0.02 lot

8th order = 0.02 lot

9th order = 0.02 lot

10th order = 0.02 lot

11th order = 0.03 lot (Last order lot+LI)

12th order = 0.03 lot

13th order = 0.03 lot

14th order = 0.03 lot

15th order = 0.03 lot

16th order = 0.04 lot (Last order lot+LI)

17th order = 0.04 lot

18th order = 0.04 lot

19th order = 0.04 lot

20th order = 0.04 lot

8) Take Profit (TP)

Number of Pips for target Take Profit

9) Reset – SM1 – “Zeros”

Reset all settings How to **reset** all previous settings?

click "**SM-1**", then click on "**Zero_All**"

if you click one everything will be void including order types BL, SL, etc..

but since it is a dangerous step to zeros all fields, there is a safety condition: click first on box "**SM-1**", then "**Zero_All**" will be ready to accept your click

void values

LS	#S	GAP	P/L USD	Pairs	BUY	SELL	ASK	BL	BL	BS	SS	D	D	W	FL	LI	LI	L1	L2	L3	TO	D	T	Referenc	
1				EURUSD	1.18115	2.2	1.18137																		
2				GBPUSD	1.31982	2.8	1.32011																		
3				AUDUSD	0.72690	1.8	0.72698																		
4				USDJPY	0.68162	2.6	0.68188																		
5				USDCHF	1.31340	5.3	1.31383																		
6				EURGBP	0.92352	7.4	0.92378																		
7				EURJPY	104.604	1.8	104.622																		
8				EURCHF	0.89631	3.0	0.89661																		
9				EURAUD	1.62764	3.9	1.62803																		
10				GBPGBP	1.81551	7.1	1.81622																		
11				AUDCAD	0.95453	6.4	0.95517																		
12				AUDCHF	0.66123	3.4	0.66157																		
13				EURJPY	123.771	2.9	123.809																		
14				GBPJPY	138.000	4.8	138.108																		
15				USDJPY	0.89912	7.5	0.89987																		
16				EURCHF	0.62468	5.1	0.62512																		

10) Halt Trading

8- Dashboard Part 1- First 8 Dashboard Columns + GAP

DB	MB	LB	#B	DS	MS	LS	#S	GAP
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	-0.2	-2.0	-3.2	-2.0	-3.2	-2.0	-3.2	0.0
1.0	-0.4	-1.3	-1.3	-0.4	-1.3	-0.4	-1.3	0.0
0.0	-1.2	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	0.0
1.8	1.8	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	0.0
0.0	-0.5	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	0.0
1.0	0.2	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3	0.0
-1.9	-2.5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0
-4.0	-6.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0
1.5	-0.4	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	0.0
-0.3	-0.9	-2.3	-3.1	-2.3	-3.1	-2.3	-3.1	0.0
-0.7	-1.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	0.0
-0.0	-1.2	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	0.0
-2.9	-2.9	-0.2	-2.6	-0.2	-2.6	-0.2	-2.6	0.0
0.0	-0.7	-1.4	-1.3	-1.4	-1.3	-1.4	-1.3	0.0
1.0	-0.1	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	0.0
0.3	-1.1	-0.1	-0.2	-0.1	-0.2	-0.1	-0.2	0.0
2.0	0.3	-2.8	-3.3	-2.8	-3.3	-2.8	-3.3	0.0
1.0	-0.3	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	0.0
0.0	-1.2	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	0.0
0.0	0.8	-1.6	-3.3	-1.6	-3.3	-1.6	-3.3	0.0
-1.2	-1.2	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	0.0
2.2		-1.8	-4.6	-1.8	-4.6	-1.8	-4.6	0.0

DB-MB-#B-LB ----- CALCUALTIONS BASED ON BUY POSITIONS
 DS-MS-#S-LS----- CALCUALTIONS BASED ON SELL POSITIONS

and

GAP ----- extreme price movement range

Also be careful-- 4 OF thses 9 columns boxes are action-event objects. ===> #B - #S - LB - LS. The smart point here is that:each box is an INPUT/OUTPUT box! something strange, ususly others(like programmers) are not used to.each box is input and also is output!

1) DB/DS

DB column: values there are Current Price **ASK** minus **BUY** reference price
= differece in pips b/w current price and reference price---->for **buy** direction
it answers question: when I apply expert how many pips price goes against me?? (price goes **down**)

DS column: values there are Current Price **BID** minus **SELL** reference price
= differece in pips b/w current price and reference price---->for **sell** direction
it answers question: when I apply expert how many pips price goes against me?? (price goes **up**)

we know **Buy** orders are executed at ASK price not BID price (people ambiguously connect bid to buy and ask to sell) during **entry**.

their connection is correct only during **exit** not **entry**.

Market rule:

BUY ENTRY at ASK price, ---- BUY EXIT at BID price.
SELL ENTRY at BID price, --- SELL EXIT at ASK price.

Timer update is currently set at 2.000 sec

LAST BUYLIMIT/BUYSTOP ORDER COMMENT								0 Lots	SET REFERENCE PRICES ON BAR		
DB	MB	LB	#B	DS	MS	LS	#S	Reference	B/S Price	Pairs	
49.8	-28.8			-49.8	-49.8			1.19134	1.19108	1 EURUSD	
-61.2	-61.2			61.2	-36.1			1.33805	1.33605	2 GBPUSD	
41.3	-1.2			-41.3	-41.3			0.73541	0.73341	3 AUDUSD	
31.0	-10.0			-31.0	-31.0			0.70019	0.69845	4 NZDUSD	
1.1	-9.6			1.1	-31.6			1.29992	1.29902	5 USDCAD	
-31.3	-31.3			31.3	-17.3			0.90815	0.90753	6 USDCHF	
32.6	-32.6			-32.6	-6.5			104.451	104.404	7 USDJPY	
98.2	-2.4			-98.2	-98.2			0.89002	0.88802	8 EURGBP	
34.2	-21.5			34.2	66.0			1.61763	1.61463	9 EURAUD	
-140.2	-140.2			140.2	6.6			1.81723	1.81423	10 GBPAUD	
43.2				43.2	2.0			0.95679	0.95417	11 AUDCAD	
11.3	-16.3			11.3	6.0			0.66795	0.66587	12 AUDCHF	
15.0	-54.3			15.0	1.1			124.443	124.347	13 EURJPY	
-111.0	-111.0			111.0	9.9			139.785	139.485	14 GBPJPY	
36.1	-10.0			-36.1	-48.2			0.91036	0.90794	15 NZDCAD	
-1.6	-24.7			1.6	-21.5			0.63618	0.63472	16 NZDCHF	
67.9	-20.7			-67.9	-67.9			1.54845	1.54714	17 EURCAD	
-78.7	-78.7			78.7	58.8			1.73843	1.73543	18 GBPCAD	
39.7	-0.1			-39.7	-62.9			1.04908	1.04608	19 AUDNZD	
-7.5	-15.8			7.5	-26.7			0.69730	0.69621	20 CADCHF	
5.2	20.2			-5.2	-18.7			1.08212	1.08122	21 EURCHF	
-98.9	-98.9			98.9	-35.4			1.21527	1.21227	22 GBPCHF	
17.9	-16.1			-17.9	-30.9			76.814	76.611	23 AUDJPY	
3.5	-27.4			-3.5	-26.3			73.172	72.999	24 NZDJPY	
-10.7	-22.2			10.7	-15.4			80.266	80.179	25 CADJPY	

dark or **shining** colours??

when **DB** box is **not** important?

ans: **when its value is +ve** ===== no **BUY** orders will be executed

when **DS** box is **not** important?

ans: **when its value is +ve** ===== no **SELL** orders will be executed

So **non-important values** will be **dark green**(for buys) or **red**(for sells)

while important values (-ve ones) will be **shining green** or **red**

2) MB/MS

Max worst B/S Pips. **M = M**aximum = maximum pips market goes against you in **both cases**: 1) buy direction and 2) sell direction.

MB: Maximum worst pips for BUY

MS: Maximum worst pips for SELL

look at account now:

now free margin is minus -- does column #B, #S values will change?

this is the most **difficult** part of expert as we noted earlier. **concentrate** during reading



to answer this question we must first understand what is the **purpose** or meaning of these **two** columns.

and to understand these two columns you have to understand first two extreme pips columns (**MB** and **MS**)

3) #B/#S

Number of B/S orders executed by expert

For **US30Roll**--there was adequate free margin ---therefore all orders are executed--no restrictions

#S = 26 orders -- reason: Market goes up by 66.5 pips since applying expert(=Goes gainst us by 66.5 pips up)

since our setting is O=D=2.5 pips (put **new order each 2.5 pips**) then total orders must be $66.5/2.5 = 26$ (integer number)

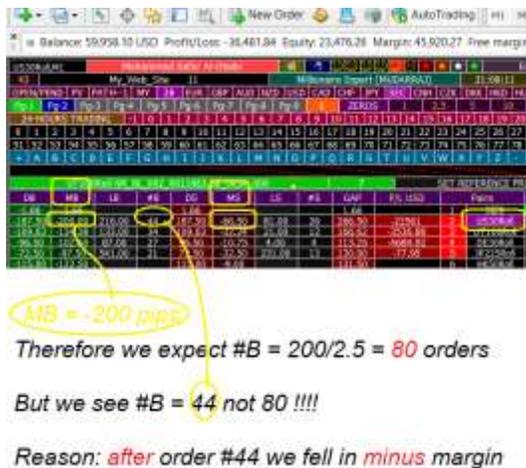
#S is number of sell order executed by expert.

look at picture.



for buy:

For **US30Roll**--there was **no** adequate free margin ---therefore **not** all orders are executed--restrictions



effect of **minus** free margin = any order satsiy entry condition will not executed. except when it is a hedging position

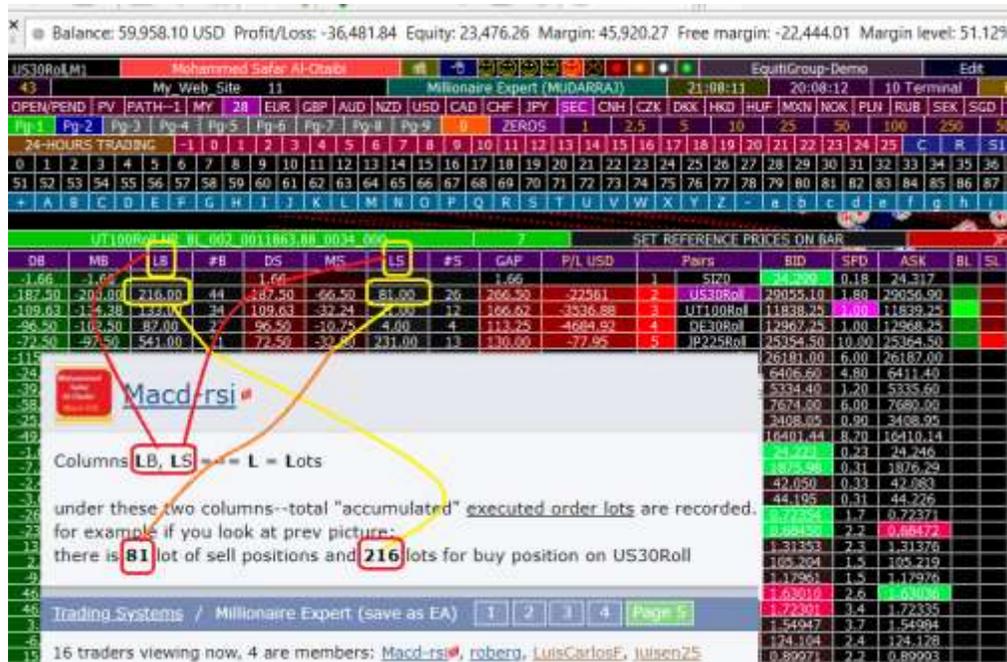
4) LB/LS

Columns **LB**, **LS** === **L** = Lots

Total "accumulated" executed order lots are recorded.

for example if you look at prev picture:

there is **81** lot of sell positions and **216** lots for buy position on US30Roll



a) Accumulated Lots Formula

n = No. of orders (20 in the above example)

FL = First Lot (0.01)

for 101-config: very simple rule = $n * FL$

for 111-config: very simple rule = $n * FL * (1+n) / 2$ -----> $20 * 0.01 * (1+20) / 2 = 0.2 * 21 / 2 = 2.1$ (check last prev case)

for 102-config: very simple rule = $(2^n - 1) * FL$

assume my account is 1K USD, !! and I want to check for 20 orders starting with 0.01 lot with ladder = 1 !!

does my account tolerate that?

what is the general rule that I use in advance to know total possible lots prior to attaching expert! (risk-reward study)

$(0.01 + 0.20) / 2 * 20 = 0.21 * 10 = 2.1$ Lots!!

2.1 lot ==> pip value is 21.0,

1000/21.0 = **margin call** will be after 40 to 35 pips!! very near!!

Agree

crazy trading!

for 1k lots should not exceed your "frequency" number! (max tolerance)

say mcp (margin call pips) = 250 pips! therefore lots should not exceed 0.40 lots!

b) Margin Call Pips

in freen make your holy number -- it must be **Margin Call Pips-MCP**- open new positions as much as

you like, but please at some specific time stop.
 stop when the margin call pips reach your x-pips

your x is different from my x

if you can tolerate up to 250 pips, your x is 250 pips! your psychological holy number
 when MCP goes down to 240, may you will be nervous upset,

5) Gap

Updated version: See Mathematical Cal Boxes > Gap

it is the total range in pips b/w highest price and lowest price since referencing (starting expert)
 by logic == **GAP = MB+MS**

Balance: 29,562.50 USD Profit/Loss: -22,143.10 Equity: 7,419.40 Margin: 17,924.52

US30Roll,H4		Mohammed Safar Al-Otaibi										Millionaire Expert (MUDARRAJ)												
43		My_Web_Site 11																						
OPEN/PEND	PV	PATH--1	MY	28	EUR	GBP	AUD	NZD	USD	CAD	CHF	JPY	SEC	CNH	CZK	D								
Pg-1	Pg-2	Pg-3	Pg-4	Pg-5	Pg-6	Pg-7	Pg-8	Pg-9	0	ZEROS	1	2.5												
24-HOURS TRADING				-1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
+	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
UT100Roll NR_BL_002_0011863.88_0034_000										7										SET RE				
DB	MB	LB	#B	DS	MS	LS	#S	GAP	P/L USD															
-1.50	2.86			1.50				2.06																
-229.50	-256.50	216.00	44	229.50	-66.50	81.00	26	323.00	-2535.4															
-142.76	-154.38	132.00	34	142.76	-32.24	21.00	12	166.62	-5325.9															
-96.25	-105.75	87.00	27	96.25	-10.75	4.00	4	116.50	-4663.8															
-117.50	-127.5								-167.91															
-175.00	-180.5																							
-32.00	-34.50																							
-42.75	-45.25																							
-64.50	-71.00																							
-27.00	-28.00																							
-62.50	-67.00			63.20				67.00																
-1.45	-2.00			1.44	-0.03			2.03																

256.50 + 66.5 = 323 pips

This column shows "since-last-referencing" range in pips.

red: range 100 or above

brown: range is 50 or above till 9.99

dark blue: range less than 50 pips

D	TP	References	Average prices	Average Pips	Net/Lot
5	84.00	24.330	24.312		
5	84.00	29222.90	29217.10	29139.47	-119.37
5	84.00	11823.50	11820.50	11801.34	11843.38
5	84.00	13128.75	13123.75	13023.40	23.91
5	84.00	25384.50	25374.50		17.13
5	84.00	26140.00	26134.00		-63.00
5	84.00	6421.90	6420.10		1188.00
5	84.00	5409.00	5403.80		
5	84.00	7793.50	7787.50		
5	84.00	3441.45	3440.55		
5	84.00	16325.44	16317.54		
5	84.00	24.274	24.240		
5	84.00	1880.03	1870.02		
5	84.00	41.834	41.782		
5	84.00	44.070	44.026		
5	84.0	0.72737	0.72722		
5	84.0	0.68788	0.68768		
5	84.0	1.30788	1.30764		
5	84.0	105.294	105.278		
5	84.0	1.17740	1.17725		
5	84.0	1.61892	1.61866		
5	84.0	1.71193	1.71163		
5	84.0	1.53982	1.53946		
5	84.0	123.964	123.944		
5	84.0	0.89143	0.89120		
5	84.0	1.32098	1.32076		

First column shows average prices of all **buy** positions if any for each pair

Second column shows average prices of all **sell** positions if any for each pair

all these columns fields are non-action click event -- that mean only shows values (output) -- if you click on them or not, **nothing will change.**

They just display values of average prices starting with comment letter. or AVERAGE OF all if you select "ALL"

2) Average Pips

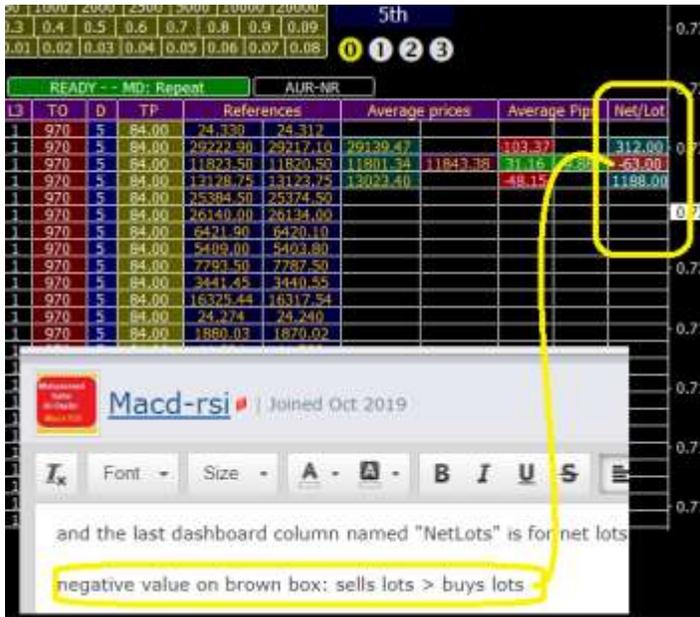
"Average pips" title has two columns showing your profit or loss in pips for each pair for both types buy and sell

first column for buy--second for sell

mathematically, it is the difference b/w current price and average price in pips

Average prices	Average Pips	Net/Lot
29139.47	-93.37	312.00
11801.34	33.54	7.50
13023.40	-45.90	1188.00

3) Net/ Lots



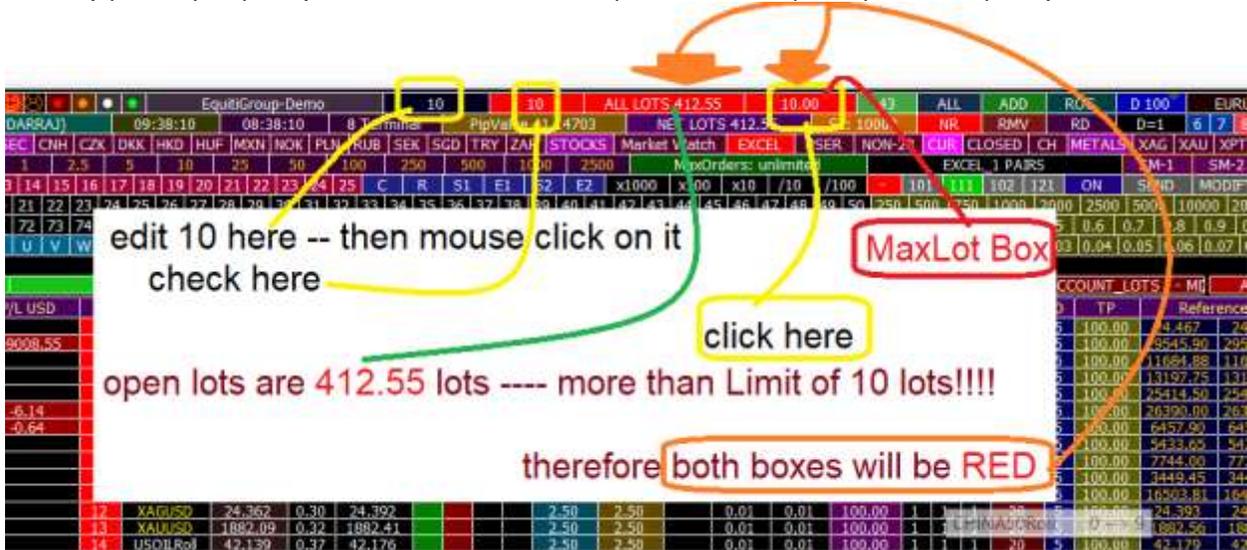
and the last dashboard column named "NetLots" is for net lots of open position (buys lots minus sell lots)

negative value on brown box: sells lots > buys lots

10- Lots and Spreads

1) Maximum Lots

Maximum Lots allowed is based only on ALL orders opened for ALL (diff from Lot Limiter LL previous section) pairs by expert (does not include orders opened manually or by other experts)



assume you apply expert to 66 pairs!!

and you want to prevent operation if total lots of opened positions for all these 66 pairs reach some

level--let us say 10 lot.
 what should you do!
 ans: Feed "**Maximun_Lots**" box with value of 10.

now may EURUSD positions sums up to **3** lots,
 USD JPY sums to **2.22** lots,
 GBPUSD sums to **4** lots
 and assume next expert order on GBPUSD with value of 2 lot.
 expert will **reject this value** and **modify it** to a new lower value to ensure that "*max lots not to exceed 10 lots*"
 2 lots will be changed to **0.78** lot

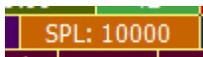
$$3 + 2.22 + 4 + 0.78 = 10 \text{ lots}$$

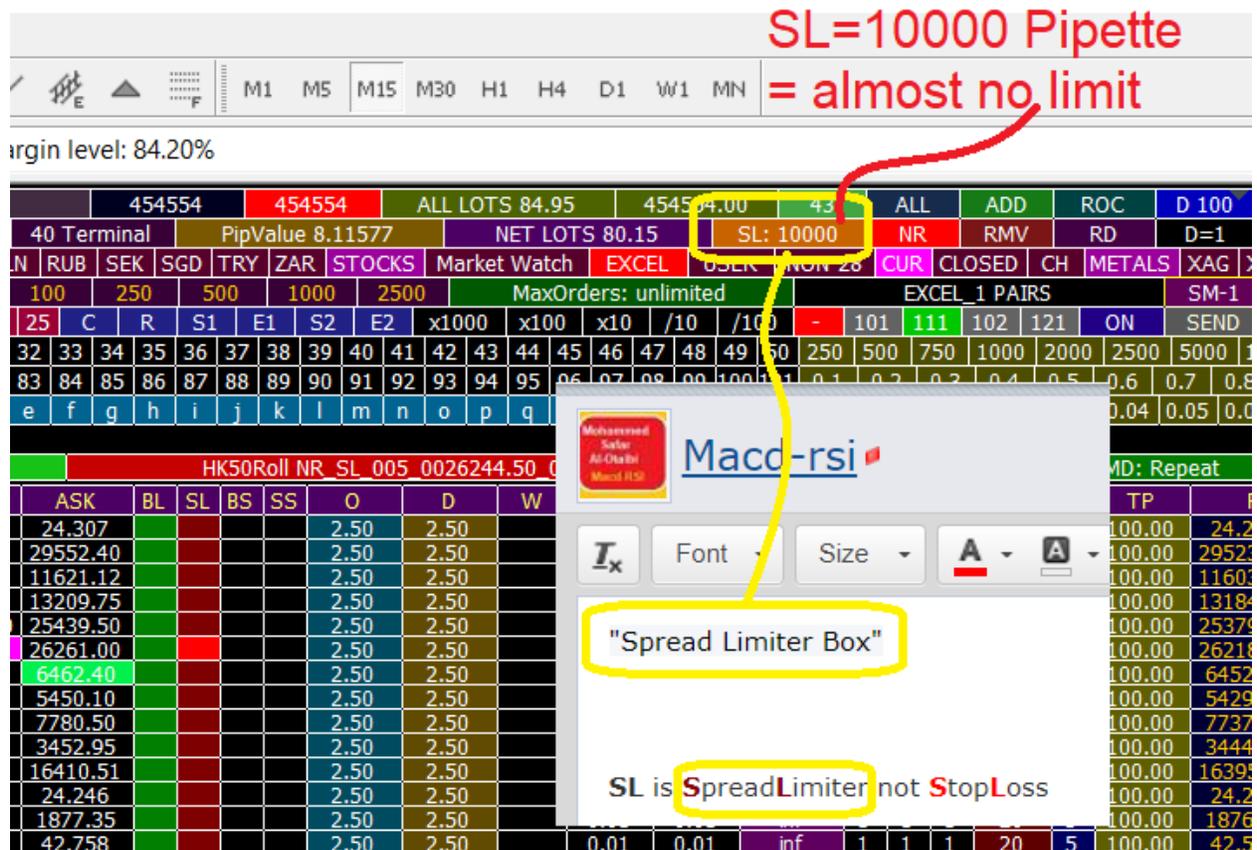
you will choose a value that **suite your balance!** and are convinient to your risk tolerance.

the program default value is almsot infinity "Big Number = 10000 Lots"

to change this value just type in edit field, then click again on edit value--to memorize it. then click on "MaxLot" box--you will see new value inside the box.

2) Spread Limited (SPL)

Reject orders if spread is widening beyond our "**SPREAD LIMITER**"  (new version)



SL=10000 Pipette
 = almost no limit

Margin level: 84.20%

454554 454554 ALL LOTS 84.95 454554.00 43 ALL ADD ROC D 100
 40 Terminal PipValue 8.11577 NET LOTS 80.15 SL: 10000 NR RMV RD D=1
 N RUB SEK SGD TRY ZAR STOCKS Market Watch EXCEL USER NON 28 CUR CLOSED CH METALS XAG X
 100 250 500 1000 2500 MaxOrders: unlimited EXCEL 1 PAIRS SM-1
 25 C R S1 E1 S2 E2 x1000 x100 x10 /10 /100 - 101 111 102 121 ON SEND
 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 250 500 750 1000 2000 2500 5000 1
 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8
 e f g h i j k l m n o p q 0.04 0.05 0.0
 HK50Roll NR SL 005 0026244.50 0
 ASK BL SL BS SS O D W TP
 24.307 2.50 2.50 100.00 24.2
 29552.40 2.50 2.50 100.00 2952
 11621.12 2.50 2.50 100.00 1160
 13209.75 2.50 2.50 100.00 1318
 25439.50 2.50 2.50 100.00 2537
 26261.00 2.50 2.50 100.00 2621
 6462.40 2.50 2.50 100.00 6452
 5450.10 2.50 2.50 100.00 5429
 7780.50 2.50 2.50 100.00 7737
 3452.95 2.50 2.50 100.00 3444
 16410.51 2.50 2.50 100.00 1639
 24.246 2.50 2.50 100.00 24.2
 1877.35 2.50 2.50 100.00 1876
 42.758 2.50 2.50 0.01 0.01 inf 1 1 1 20 5 100.00 42.5

"Spread Limiter Box"

SL is SpreadLimiter not StopLoss

"Spread Limiter Box"

usually spread of EURUSD is about 1.6 pips!

tell expert to avoid opening positions on this pair if entry conditions are satisfied when spread is 5.0 pips

it is 5.0 not 5 -- we say **"five point zero"** <----- very important here

SL is **S**pread**L**imiter not **S**top**L**oss

#S	GAP	P/L USD	Pairs	BID	SPD	ASK	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	T
	0.94		SI20	24.237	2.80	24.255					2.50	2.50		0.01	0.01	inf	1	1	1	T
	81.30	-9867.3	2 US30R01	29552.10	2.80	29554.90					2.50	2.50		0.10	0.10	inf	1	1	1	T
12	51.63	-10.22	3 UT100R01	11632.62	1.00	11633.62					2.50	2.50		0.10	0.10	inf	1	1	1	T
5	49.50	18.94	4 DE30R01	13212.25	1.00	13213.25					2.50	2.50		0.10	0.10	inf	1	1	1	T
4	80.00	-0.16	5 JP225R01	25489.50	10.00	25499.50					2.50	2.50		1.00	1.00	inf	1	1	1	T
11	39.00	-44.04	6 HK50R01	26242.50	6.00	26248.50					2.50	2.50		0.10	0.10	inf	1	1	1	T
1	15.00	-0.86	7 AUS200R01	6461.60	4.80	6466.40					2.50	2.50		0.10	0.10	inf	1	1	1	T
	24.75	11.21	8 FRA40R01	5438.90	1.20	5440.10					2.50	2.50		0.10	0.10	inf	1	1	1	T
3	56.90	52.57	9 ESP35R01	7234.50	6.00	7240.50					2.50	2.50		0.10	0.10	inf	1	1	1	T
1	12.90	-1.45	10 EU50R01	3449.05	1.00	3449.95					2.50	2.50		0.10	0.10	inf	1	1	1	T
6	29.90	-173.8	11 CHINA50R01	16431.41	8.20	16439.61					2.50	2.50		0.10	0.10	inf	1	1	1	T
	0.94		12 XAGUSD	24.173	0.25	24.198					2.50	2.50		0.01	0.01	inf	1	1	1	T
	2.79		13 XAUUSD	1877.26	0.26	1877.52					2.50	2.50		0.01	0.01	inf	1	1	1	T
	1.88		14 USOILR01	42.666	0.33	42.699					2.50	2.50		0.01	0.01	inf	6	1	1	T
	2.11		15 UKOILR01	44.820	0.30	44.850					2.50	2.50		0.01	0.01	inf	1	1	1	T
	7.0	-0.01	16 AUDUSD	0.72890	1.8	0.72908					2.5	2.5		0.01	0.01	inf	1	1	1	T
	11.9	-0.79	17 NZDUSD	0.68740	2.1	0.68761					2.5	2.5		0.01	0.01	inf	1	1	1	T
4	12.4	0.14	18 USDCAD	1.30521	1.8	1.30539					2.5	2.5	16.0	0.01	0.01	inf	1	1	1	T
2	11.6	-1.24	19 USDJPY	105.466	1.5	105.481					2.5	2.5		0.01	0.01	inf	1	1	1	T
	11.7	-0.67	20 EURUSD	1.17918	1.4	1.17930					2.5	2.5		0.01	0.01	inf	1	1	1	T
1	9.6	0.01	21 EURAUD	1.61747	2.8	1.61775					2.5	2.5		0.01	0.01	inf	1	1	1	T
1	21.7	-0.91	22 EURNZD	1.71504	3.8	1.71542					2.5	2.5		0.01	0.01	inf	1	1	1	T
1	12.5	-0.13	23 EURCAD	1.53904	3.8	1.53942					2.5	2.5		0.01	0.01	inf	1	1	1	T
	10.4		24 EURJPY	124.368	2.1	124.389					2.5	2.5		0.01	0.01	inf	1	1	1	T
	3.7		25 EURGBP	0.88767	2.5	0.88792					2.5	2.5		0.01	0.01	inf	1	1	1	T
	12.8	-1.45	26 GBPUSD	1.32811	2.6	1.32837					2.5	2.5		0.01	0.01	inf	1	1	1	T
1	13.7	-0.3	27 GBP AUD	1.82177	5.3	1.82230					2.5	2.5		0.01	0.01	inf	1	1	1	T
3	28.4	-2.51	28 GRPNZD	1.93169	5.9	1.93228					2.5	2.5		0.01	0.01	inf	1	1	1	T
1	15.5	-0.21	29 GRPCAD	1.73349	5.2	1.73401					2.5	2.5		0.01	0.01	inf	1	1	1	T
1	12.4	-0.03	30 GBPJPY	140.080	2.8	140.108					2.5	2.5		0.01	0.01	inf	1	1	1	T
	13.0		31 AUDNZD	1.06019	3.2	1.06051					2.5	2.5		0.01	0.01	inf	1	1	1	T
1	7.4	0.09	32 AUDCAD	0.95138	2.6	0.95164					2.5	2.5		0.01	0.01	inf	1	1	1	T
	10.6	-0.49	33 NZDCAD	0.89727	3.0	0.89757					2.5	2.5		0.01	0.01	inf	1	1	1	T
6	23.15	-0.7	34 USDMXN	20.30400	14.41	20.31841					2.50	2.50		0.01	0.01	inf	1	1	1	T
1	27.44	-6.33	35 EURMXN	23.94187	19.23	23.96110					2.50	2.50		0.01	0.01	inf	1	1	1	T
4	22.20	0.78	36 USDZAR	15.60730	15.81	15.62311					2.50	2.50		0.01	0.01	inf	1	1	1	T

The color of spread box **of each pair** will determine if trading on that pair is allowed or not to to spread limit restriction!

if pair spread box is Red--trade is prohibited temporarily until spread be within limits while if spread box is Black , it is normal

below we let SL=100 Pipette = 10 pips or 1 pip(depend on the pair) -- therefore any pair with spread higher than 10---Trade is blocked!

3) Total Net Lots Box



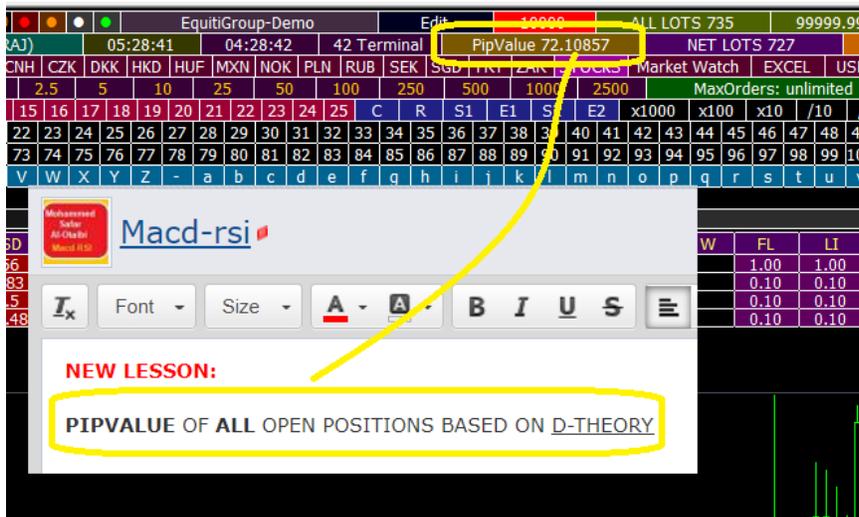
4) Current Pip Value -> Total Pip Value (TPV)

Updated version: See Mathematical Cal Boxes > TPV

pipvalue of **all** open positions based on **d-theory**

It depends on net lots (for positions entered **by expert**) at that period.

if you want pipValue for all positions click on **ALL** box as explained earlier.



11- Lots Design Configurations (L1/L2/L3)

%	W	R	Broker Max Orders:			
100	-	101	111	102	121	S 0.0
50	250	500	750	1000	2000	

Types of Configurations

- 1) Unified lots for all orders (101) = (1,1,1,1,1, ..)
- 2) Graded lots for all orders (111) = (1,2,3,4,5,6,7,....)

3) Doubled lots for all orders (102) = (1,2,4,8,16,.....)

4) Custom lot design criterion = xxx (L1/L2/L3 accepts values from 1-9, only L2 accepts 0)

it is not logical for L1 and L3 to be 0 -- so programm will reject this value--you can not put them 0 , even if you intentionally try.

therefore there are 999 possible lot designs.

assume **Ladder=1**;

and

FL = 0.01 lot -----(first order lot)

and

LI=0.01 lot -----(lot increment)

1) Unified lots (101) = (1,1,1,1,1, ..)

if we use **101** configurations, first five orders lots will be as follow: (**101 = unified**)

order #1: 0.01 lot

order #2: 0.01 lot

order #3: 0.01 lot

order #4: 0.01 lot

order #5: 0.01 lot

each new order = previous order

2) Graded lots (111) = (1,2,3,4,5,6,7,....)

if we use **111** configurations, first five orders lots will be as follow: (**111 = graded**)

order #1: 0.01 lot

order #2: 0.02 lot

order #3: 0.03 lot

order #4: 0.04 lot

order #5: 0.05 lot

each new order is incremented by LI lots added to previous immediate order lots.

3) Double lots (102) = (1,2,4,8,16,.....)

and if we use **102** configurations, first five orders lots will be as follow: (**102 = doubled**)

order #1: 0.01 lot

order #2: 0.02 lot

order #3: 0.04 lot

order #4: 0.08 lot

order #5: 0.16 lot

each new order is double of previous immediate order.

4) 1-2-1 lots (121) = (1,2,5,7,9,11,13,

5) Custom lot configuration

```

New File | Accelerator.mq4 | EQUITY_CURVE_EACH_TICK.mq4 | EQUITY_CURVE_EACH_BAR.mq4 | pairs_roster.mqh
17 if (YES_BL[i] == "BL")
18 {
19     if (K_BL[i] < TOPPIOD[i] && price_ASK[i] > 0.30 && MarketInfo(pairs[i], MODE_ASK) > 0.3 && MarketInfo(pairs[i], MODE_BID) > 0.3)
20     {
21         if (!IsConnected() || !IsExpertEnabled() || !IsTradeAllowed() || IsStopped()) break;
22         PS = K_BL[i] * (DiffPips[i] + WiderPips[i]) * (K_BL[i] - 1) / 2.0 + Offset[i];
23         double BPRICEB = price_ASK[i] - PS * MarketInfo(pairs[i], MODE_POINT);
24         if (MarketInfo(pairs[i], MODE_ASK) <= BPRICEB)
25         {
26             int LI = K_BL[i] / Ladder[i];
27             LOTX = (FirstLot[i] + Increment[i] * (LI) * Multiplier_2[i] * Multiplier_1[i] * MathPow(Multiplier_3[i], LI));
28             double L2 = L1 * Multiplier_3[i];
29             double ppxm = BPRICEB;
30             LOT_BL[i] = BL_LotsPairLim(pairs[i], ppxm);
31             if (BL_LotsPairLimiter[i] < LotsLimiter[i])
32             {
33                 Lot = ( FirstLot + LotIncrement * integerof( #O / Ladder ) * L2 ) * L1 * L3
34                 (integerof( #O / Ladder ))
35                 LOTX = LotsLimiter[i] - LUY BL[i];
36                 BL_LotsPairLimiter[i] = LotsLimiter[i];
37             }
38             if (ALL_LOTS < LOTX && MAX_LOTS >= LOTX)
39             {

```

Assume we adopt 325 (= 3-2-5) configuration ==> L1=3, L2=2, L3=5
and FL=LI=0.01;

What is the first **three** order lots (assume ladder = 1) upon last equation?
#O = 1 then 2 then 3 (= first order then second order then third order)

will be updated come back after 1 min

#1 order is: **Lots1** = (0.01+0.01*int(0/1)*2)*3*5^(int(0/1)) = (0.01+0.01*0*2)*3*5^0 = (0.01+0)*3*1 = **0.03 lot**

#2 order is: **Lots2** = (0.01+0.01*int(1/1)*2)*3*5^(int(1/1)) = (0.01+0.01*1*2)*3*5^1 = (0.01+0.02)*3*5 = **0.45 lot**

#3 order is: **Lots3** = (0.01+0.01*int(2/1)*2)*3*5^(int(2/1)) = (0.01+0.01*2*2)*3*5^2 = (0.01+0.04)*3*25 = **3.75 lot**

do you see 325 config: 0.03--->0.45--->3.75
great jump in lots for each new order

hence 325 is **not** a number.

It is just a three digits beside each others 😊
325=3-2-5 ==> L1L2L3

a) Proof of Concept – Graded Lots 111

proof config **111=1-1-1** -- graded orders?? why graded?
ans: equation give thar: 0.01 then 0.02 then 0.03 etc....

proof:

L=LI=0.01 Lots-----Ladder=1----- L1L2L3=**111=1-1-1** ==> L1=1, L2=1, L3=1;
starting of numbering order from 0; #O = 0, then =1, then =2 etc...

Order#1: lot1=(0.01+0.01*int(0/1)*1)*1*1^(int(0/1)) = (0.01+0.00)*1*1^(0) = 0.01*1 = **0.01**

Order#2: lot2=(0.01+0.01*int(1/1)*1)*1*1^(int(1/1)) = (0.01+0.01)*1*1^(1) = 0.02*1 = **0.02**

Order#3: $lot3=(0.01+0.01*\text{int}(2/1)*1)*1*1^{\text{int}(2/1)} = (0.01+0.02)*1*1^2 = 0.03*1 = \mathbf{0.03}$
 Order#4: $lot4=(0.01+0.01*\text{int}(3/1)*1)*1*1^{\text{int}(3/1)} = (0.01+0.03)*1*1^3 = 0.04*1 = \mathbf{0.04}$
 Order#5: $lot5=(0.01+0.01*\text{int}(4/1)*1)*1*1^{\text{int}(4/1)} = (0.01+0.04)*1*1^4 = 0.05*1 = \mathbf{0.05}$
 Order#6: $lot6=(0.01+0.01*\text{int}(5/1)*1)*1*1^{\text{int}(5/1)} = (0.01+0.05)*1*1^5 = 0.06*1 = \mathbf{0.06}$
 Order#7: $lot7=(0.01+0.01*\text{int}(6/1)*1)*1*1^{\text{int}(6/1)} = (0.01+0.06)*1*1^6 = 0.07*1 = \mathbf{0.07}$

look how it was incremented each time by 0.01 lot (LI=0.01)

b) Proof of Concept – Double Lots 102

Why config **102** result in double lots each time? even though we are using the same equation. ??

answer:

rule is:

Lotsx = (FL+LI*int(#O/Ladder)*L2)*L1*L3^{int(#O/Ladder)}

FL=LI=0.01 Lots-----Ladder=1----- L1L2L3=102=1-0-2 ==> L1=1, L2=0, L3=2;
 starting of numbering order from 0; #O = 0, then =1, then =2 etc...

Order#1: $lot1=(0.01+0.01*\text{int}(0/1)*0)*1*2^{\text{int}(0/1)} = (0.01+0)*1*2^0 = 0.01*1 = \mathbf{0.01}$
 Order#2: $lot2=(0.01+0.01*\text{int}(1/1)*0)*1*2^{\text{int}(1/1)} = (0.01+0)*1*2^1 = 0.01*2 = \mathbf{0.02}$
 Order#3: $lot3=(0.01+0.01*\text{int}(2/1)*0)*1*2^{\text{int}(2/1)} = (0.01+0)*1*2^2 = 0.01*4 = \mathbf{0.04}$
 Order#4: $lot4=(0.01+0.01*\text{int}(3/1)*0)*1*2^{\text{int}(3/1)} = (0.01+0)*1*2^3 = 0.01*8 = \mathbf{0.08}$
 Order#5: $lot5=(0.01+0.01*\text{int}(4/1)*0)*1*2^{\text{int}(4/1)} = (0.01+0)*1*2^4 = 0.01*16 = \mathbf{0.16}$
 Order#6: $lot6=(0.01+0.01*\text{int}(5/1)*0)*1*2^{\text{int}(5/1)} = (0.01+0)*1*2^5 = 0.01*32 = \mathbf{0.32}$
 Order#7: $lot7=(0.01+0.01*\text{int}(6/1)*0)*1*2^{\text{int}(6/1)} = (0.01+0)*1*2^6 = 0.01*64 = \mathbf{0.64}$

double each time

Order#1: $lot1=(0.01+0.01*\text{int}(0/1)*0)*1*2^{\text{int}(0/1)} = (0.01+0)*1*2^0 = 0.01*1 = 0.01$

c) Proof of Concept – Double Lots 121

121-CONFIGURATION:

we expect expert to place order lots in the following manner assuming ladder=1, FL=0.01=LI

Order#1: $lot1=(0.01+0.01*\text{int}(0/1)*2)*1*1^{\text{int}(0/1)} = (0.01+0.00)*1*1^0 = 0.01*1 = \mathbf{0.01}$
 Order#2: $lot2=(0.01+0.01*\text{int}(1/1)*2)*1*1^{\text{int}(1/1)} = (0.01+0.02)*1*1^1 = 0.03*1 = \mathbf{0.02}$
 Order#3: $lot3=(0.01+0.01*\text{int}(2/1)*2)*1*1^{\text{int}(2/1)} = (0.01+0.04)*1*1^2 = 0.05*1 = \mathbf{0.05}$
 Order#4: $lot4=(0.01+0.01*\text{int}(3/1)*2)*1*1^{\text{int}(3/1)} = (0.01+0.06)*1*1^3 = 0.07*1 = \mathbf{0.07}$
 Order#5: $lot5=(0.01+0.01*\text{int}(4/1)*2)*1*1^{\text{int}(4/1)} = (0.01+0.08)*1*1^4 = 0.09*1 = \mathbf{0.09}$
 Order#6: $lot6=(0.01+0.01*\text{int}(5/1)*2)*1*1^{\text{int}(5/1)} = (0.01+0.10)*1*1^5 = 0.11*1 = \mathbf{0.11}$
 Order#7: $lot7=(0.01+0.01*\text{int}(6/1)*2)*1*1^{\text{int}(6/1)} = (0.01+0.12)*1*1^6 = 0.13*1 = \mathbf{0.13}$

6) Other ways for Lot Increments

a) 3 ways to configure for no Lot Increments

#Post 2249

There are three cases, lots will be unified, but the **best** of them is 101

below: all three cases for all 33 orders. lots of each order will be 0.01---**no increment** here.

#	Pairs	d	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	EURUSD	1	1.21155	1.5	1.21140					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
2	GBPUSD	1	1.33577	2.5	1.33551					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
3	AUDUSD	1	0.74251	1.7	0.74234					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
4	HKDUSD	1	0.70374	2.2	0.70352					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
5	USDCHF	1	0.72208	2.2	0.72186					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
6	USDJPY	1	0.89110	2.2	0.89088					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
7	USDZNY	1	104.042	1.6	104.026					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0

or

#	Pairs	d	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	EURUSD	1	1.21155	1.6	1.21139					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	2	85.0
2	GBPUSD	1	1.33577	2.4	1.33551					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	2	85.0
3	AUDUSD	1	0.74251	1.6	0.74239					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	2	85.0
4	HKDUSD	1	0.70374	2.2	0.70350					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	2	85.0
5	USDCHF	1	0.72208	2.1	0.72190					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	2	85.0
6	USDJPY	1	0.89110	2.2	0.89088					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	2	85.0
7	USDZNY	1	104.041	1.5	104.028					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	2	85.0

or

#	Pairs	d	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	EURUSD	1	1.21148	1.5	1.21133					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
2	GBPUSD	1	1.33537	2.5	1.33512					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
3	AUDUSD	1	0.74242	1.6	0.74226					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
4	HKDUSD	1	0.70363	2.2	0.70339					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
5	USDCHF	1	0.72193	2.2	0.72168					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
6	USDJPY	1	0.89118	2.2	0.89096					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
7	USDZNY	1	104.040	1.4	104.032					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0

L2 no effect in this case what ever its value

in the rule for third case since LI=0

$LI * L2 = 0 * 9 = 0$ whatever the value of L2.==> 0: no increment

12- Order Comments

MExpert **orderComment** start with:

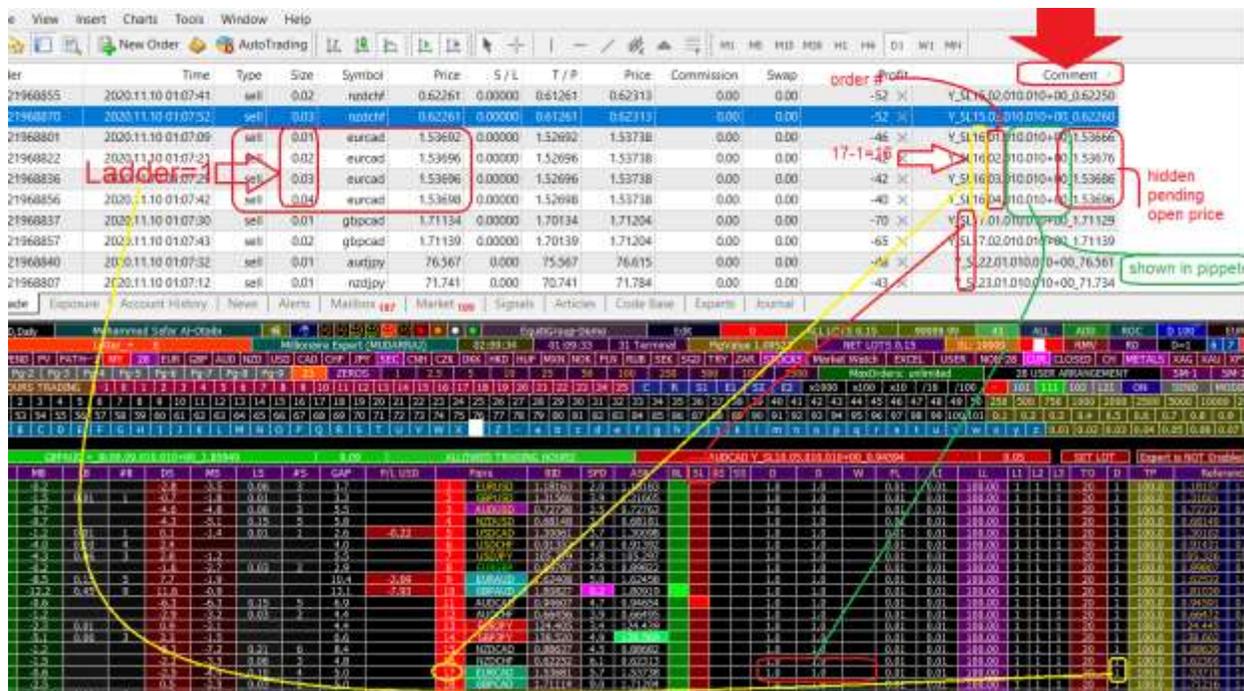
1) one letter, then underscore for "ONE-TIME" mode,---you how decide this later as explained earlier or

2) for REPETION MODE: strat with prefix "NR_"

or

3) pending Orders of SEND box, start with prifix "G_"

and no more



Example: Y_SL1601.101.010+00_1.53666

Y_	SL	16	01.	010.010	1.53666
Identified chosen in blue alphabets prior to activating EA	BL/SL/BS/SS	17-1. Ref number for the pair found the table	Order# based on sequence of execution	O.D (in pipette)	Hidden pending open price (calculation based on O/D concept - will differ from actual open price)

13- Smart Order Concept

SMART EXPERT

This expert is many experts with one expert!
up to now we speak about ordinary expert (normal--not smart)

1) Hidden Take Profit



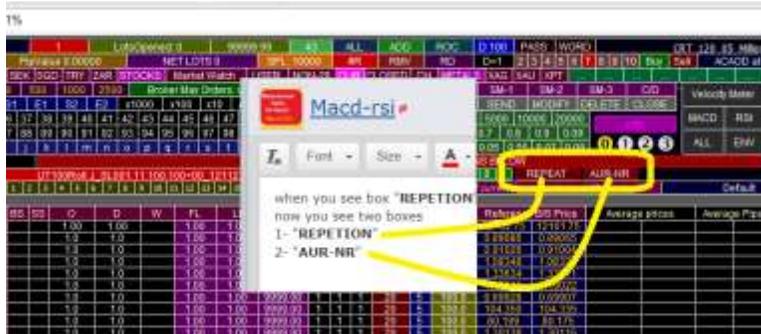
Red: Hidden Take Profit
Green: Show Take Profit

here we ignore placing TP (TakeProfit)---Hidden Take Profit
 when any order is executed you will notice TP = 0.00000 (NO TAKE PROFIT)
 BROKER CAN NOT SEE YOUR TAKE PROFIT
 but in your mind you know any position will be closed after profit of 100 PIPS
 that is smart-- but what is more smarter is to repeat placing order as pending order at prev entry price when the order is closed autmatically at predifiend TP.

How to revoke **SmartExpert?**
 ans: simply click on > > > later

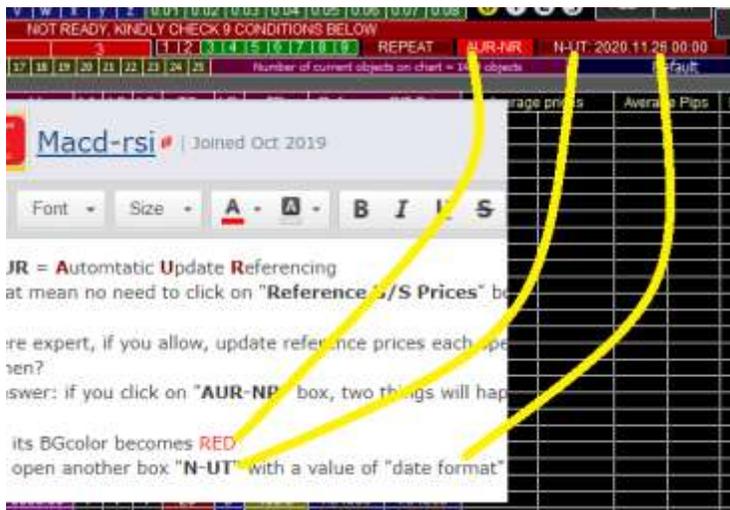
2) Repeat order

a) Repeat Order Concept



when you see box **"REPETION"** -- you must see in the right another box named **"AUR-NR"** --
 now you see two boxes
 1- **"REPETION"**
 2- **"AUR-NR"** -- **Brown BGColor**

BG = **BackGroud**



AUR = Automtatic Update Referencing
 that mean no need to click on **"Reference B/S Prices"** box -- or **"BAR_REFRENCING"** box, by your mouse

here expert, if you allow, update reference prices each specific intervvl of time.
 when?

answer: if you click on "AUR-NR" box, two things will happen:

- 1- its BGcolor becomes RED
- 2- open another box "N-UT" with a value of "date format"

"N-UT" = Next UpdateTIME

focus: here expert check chart frame:

-if it is **daily** choose next daily bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new **day** bar.
today 25.11.2020, so you see on picture next UpdateTime at 26.11.2020

-if it is **H4** choose next H4 bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new **H4** candle
then **copy-paste**:

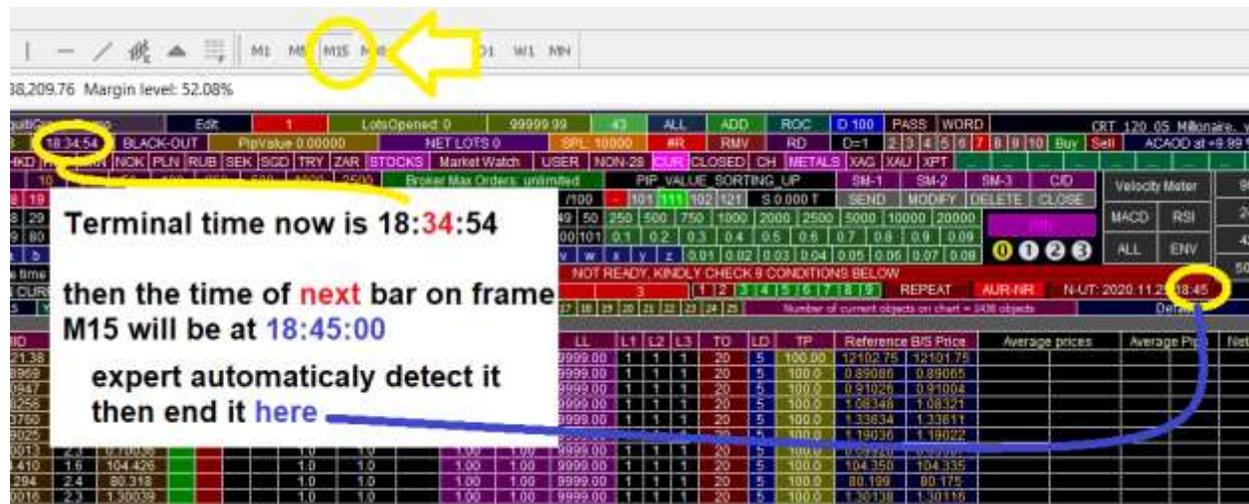
-if it is **H1** choose next H1 bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new **H1** candle

-if it is **M1** choose next M1bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new M1 candle

-if it is **WEEKLY** choose next WEEKLY bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new WEEKLY candle

-if it is **M30** choose next m30 bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new m30 candle

and so on



now assume you select time frame M15, == you by mouse change ChartFrame to M15:

expert now knows ChartPeriod = M15

and check current terminalTime

then look for the opening time of the next M15 candles

then stored as a N-UT

That mean update will tak place == replace old reference prices by new ones "ASKs and BIDs" of M15, for all pairs.

picture is very clear (above)



if you click on "N-UT" box, two things will happen:

- 1- "N-UT" its BGcolor becomes **RED** instead of **BROWN**
- 2- open another box "**KEEP**" ----BGColor is **BROWN**

KEEP = Don't delete or close **old** orders before new updates!! KEEP them as they are!! prev update active orders remain as a part of newUpdate orders!

do not forget REPETION-MODE orders is **hash** orders = OrderComment start with "**#**" sign, then letter **R** , "#R" orders

look at p.



look at last post pct.

KEEP is active-fire box also, since it is part of OnLineTrading

if you click on, BGColor will be **RED** instead of **BROWN**

and word "**KEEP**" will be replaced by word "**CLOSE**"

all three boxes associated with **REPETION** are **RED**

What will happen at this case:

answer: close and delete all prev orders either hash orders or manual entry orders!!!! clean terminal!
 then update refs, and **start new trading period**

b) Repeat Order Comments

OrderComment of SmartExpert positions will start with TWO letters "**NR#R**" instead of "J_" or what else!

hence EURUSD for example may get entry at 1.1800 three times (entry-close-entry-close-entry)
 assume ur TP = 10 pips

entry at 1.1800 -- then position is closed ar 1.1810

instantly after closing, SmartE will place pending order at 1.1800 gain
 if price drop to it, it will be executed.

is price reach 1.1810 again, it will be closed. and will put another pending postion for 3rd time
 and so on >

SmartExpert;

look at highleted position on pict.

close and repeat at the same moment!

repetition could continue **for ever** if you are very luky and market fluctuate sharpaly in a horizontal channel

Order	Time	Type	Size	Symbol	Price	S/L	T/P	Price	Commission	Swap	Profit	Comment
21990922	2020.11.10 11:00:34	sell	1.00	us30usd	29224.60	0.00	0.00	29252.90	0.00	0.00	-2830	NR_SS_001_0029223.60_0000_000
21990998	2020.11.10 11:02:18	sell	1.00	us30usd	29228.90	0.00	0.00	29252.90	0.00	0.00	-2430	NR_SS_001_0029228.90_0000_000
21991037	2020.11.10 11:03:26	sell	1.00	us30usd	29233.60	0.00	0.00	29252.90	0.00	0.00	-1830	NR_SS_001_0029233.60_0000_000
21991041	2020.11.10 11:03:32	sell	1.00	us30usd	29239.60	0.00	0.00	29252.90	0.00	0.00	-1130	NR_SS_001_0029238.60_0000_000
21991044	2020.11.10 11:03:34	sell	1.00	us30usd	29243.00	0.00	0.00	29252.90	0.00	0.00	-830	NR_SS_001_0029243.00_0000_000
21991000	2020.11.10 11:04:00	sell	2.00	us30usd	29249.30	0.00	0.00	29252.90	0.00	0.00	-380	NR_SS_001_0029248.60_0000_000
Balance: 50,186.70 USD. Equity: 50,204.10 Margin: 1,023.34 Free margin: 49,180.76 Margin level: 495.90%												
21990815	2020.11.10 10:59:11	buy limit	2.00	us30usd	29185.40	0.00	0.00	29252.90	0.00	0.00	58.48	NR_SS_001_0029185.40_0000_001
21990837	2020.11.10 11:00:14	buy limit	2.00	us30usd	29185.40	0.00	0.00	29252.90	0.00	0.00	63.40	NR_SS_001_0029185.40_0000_001
21990910	2020.11.10 11:00:28	buy limit	2.00	us30usd	29190.40	0.00	0.00	29252.90	0.00	0.00	57.48	NR_SS_001_0029190.40_0000_001

if the first pending repeated order is executed then after some time is closed at predefined TP, it will be repeated as a pending order again but now OrderComment will end with "**002**" = 2nd repition.

always repeated order is identical to the original order in volume(Lots) and entry price.

entry price or order "price set" is shown in OrderComment

The screenshot shows a trading platform interface. At the top, there is a table of trade orders with columns for time, action, quantity, instrument, price, and order ID. A red box highlights a specific order at 1:10:06 with a price of 29263.60. Below the table, there is a pop-up window titled 'Macd-rsi' with the following text:

if the first pending repeated order is executed then after so
 OrderComment will end with "002" = 2nd repetition.
 always repeated order is identical to the original order in v
 entry price or order "price set" is shown in OrderComment

sometimes it was executed at **better** prices due to market slippages, but when repeated will be done at **OrdRcomment setPrice**.

14- Dilation in Pips Concept

15- Justice Setting

Based on Pip Calibration Theory

Pip-Claibration Theory, (pair range or velocity factor)

I **invent** this theory for **justice**

anybody has heard of **ADR**??

I call it stupid ADR or newbies ADR!

Average Daily-Range ADR --- actually it is not **TRUE**

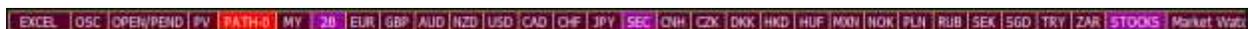
My theory states that "pair daily range is linked to great degree to price of the pair itself"
 EURUSD now **1.1834**?? emmmmm ?? then expected daily ADR is **118**??

>>> if we expect EURUSD ato be 118 pips?? then we expect GBPNZD to be **195** pips, possible day movement--since price is **1.95433**

Example (Refer to #Post 663): for TP you want it to be 250

Justice Setting > 250 > TP

16- Group Selection



1- First Step confirm that "**GROUPS KEY**" is ON = Green

2- if not click on it one time. First be sure **MOUSE-CLICKS** also Green. if not click on **PASS** then **WORD** then **MOUSE-CLICKS**.

3- Since **MOUSE-CLICKS** is green you now can click on any Fire-Active buttons, like "**GROUPS KEY**"

4- If **GROUPS-KEY** is green, **now you can click on any group**. let us click on button "**MY**"-- This is MY-

group which is the famous 28 pairs arranged according to **my** desire.



5- MY button will become RED which indicate the first click on "MY"

6- and as a consequence, the 28 pairs will appear on the dashboard with null values. except for LD column and L1 and L3 columns.



1) EXCEL settings

Group Selection - **EXCEL FILES**

0- This is the best choice among all groups--you choose and arrange and repeat if you want your pairs according to your desire.

1- First Step confirm that "**GROUPS KEY**" is ON = Green

2- **EXCEL** has 4 groups -- you have the possibility to make 4 excel files, each one has its own instrument upon your desire. for example one for pairs you usually trade, other for mix of metals and some pairs, rtc...you not me who decide. each click on EXCEL button you go to next file elements. it will be reflected on dashboard.

3- these files names must be with the following names:

-----complete rotation 4 clicks

-----1--EXCEL_PAIRS_1.csv

-----2--EXCEL_PAIRS_2.csv

-----3--EXCEL_PAIRS_3.csv

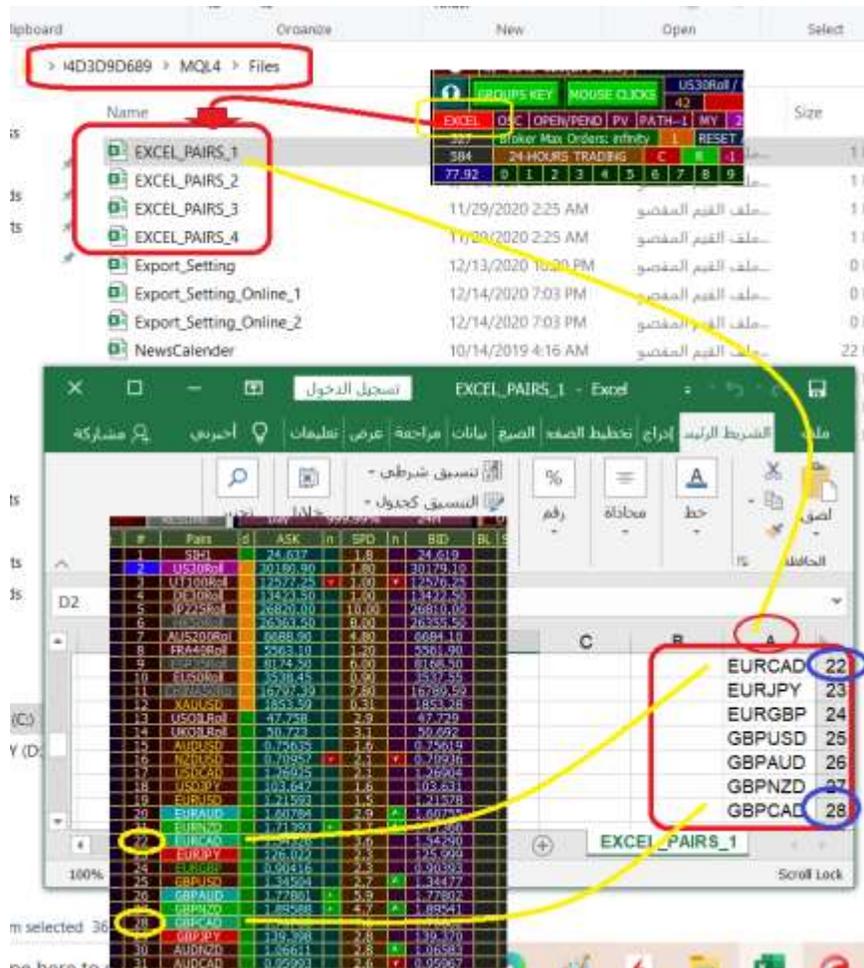
-----4--EXCEL_PAIRS_4.csv

format: EXCEL then underscore _ then PAIRS then underscore then 1 or 2 or 3 or 4

4- extension must be ***.csv** not xls

5- These files must be saved under MQL4\FILES, and for each file just fill excel column **A** with all your instruments

6-what you see on picture is my choice. Your choice definitely will differ.



7- Look at picture, you just fill **column A** on excel-sheet, nothing more. you may do it at one time in your trading live.

8- we put it at the first place in the groups row since **it is the best solution**

9- you can **repeat** pair many times. this is one of the **strongest point in expert**. Reason: you want O and D for SELL positions different from O and D for BUY positions.

10- if you write wrong instrument name like UERUSD, expert will filter it.

11- if you decide to see disabled pairs, (comming lesson) -that wrong name will appear. You can go to excel and deleted it or correct it.

12- please write pairs **as they appear on their chart** or on MarketWatch, for example EURUSD or EURUSDpro or EURUSD.c ...

2) PATH Settings

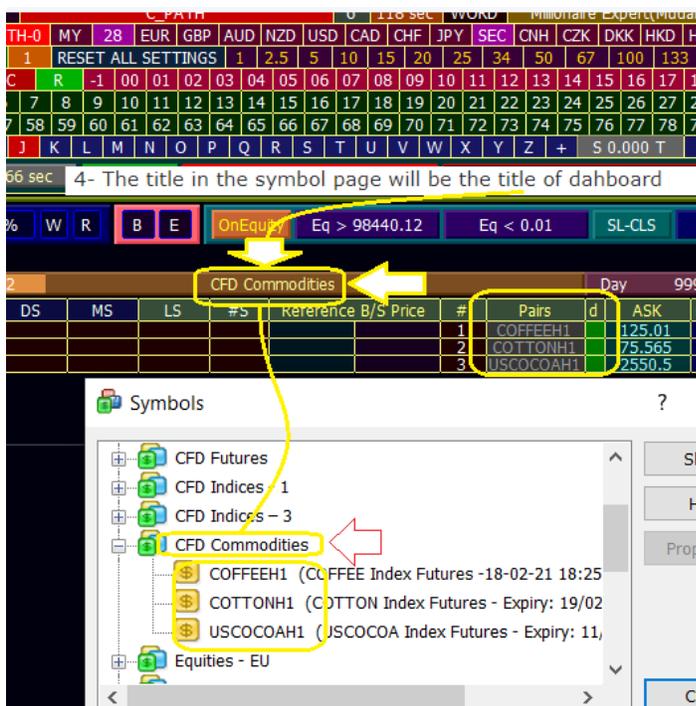
Group Selection - **PATH Button**

1- number of clicks here is not unique number. it is depend on your broker **subtitles** in Symbol window.

2- Path 0 then path 1 then path 2 etc are arranged in alphabetical order, usually **CFD** first since **C** letter comes before **F** letter in "FX group".



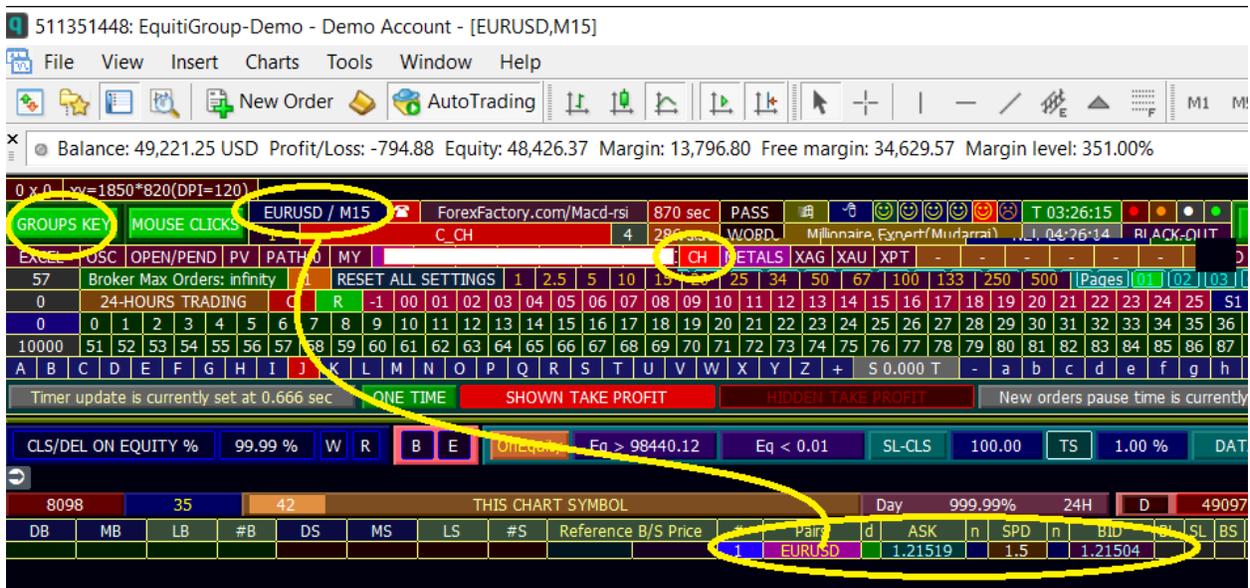
- 3- Instruments will be arranged on our dashboard according to their appearance in Symbol Page
- 4- The title in the symbol page will be the title of dashboard
- 5- To restart from path 0 after reaching path7, click on PV button, to left, then click on path again



3) Chart Settings

CH Button

- 1- this group CH only consist of one elemnt, the pair of the chart. EURUSD in picture.
- 2- it has only one click
- 3- for those who trades only one pair, this is the best solution:
- 4- it makes expert faster since there will be much less buttons!
- 5- CH is the first two letters of word **CHART**.



4) 8 Buttons for famous 8-currencies

- 1- each one accept 8 clicks for 8 different choices.
- 2- look at toolTip/



5) 3 Buttons: 28, SEC and CUR

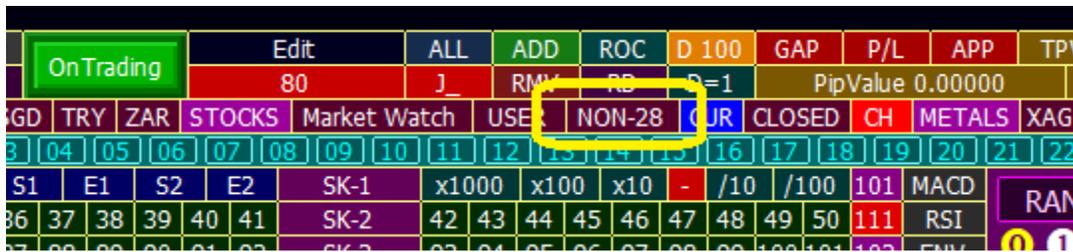
- 1- "28" Famous 28 currency-pairs
- 2- "SEC" all currency pairs except famous 28 pairs
- 3- "CUR" all famous28 pairs plus all SEC currency pairs
- 4- here indeces , dtok and alike are excluded.



- 5- please explore each button. ToolTips assit
- 6- CUR is thefirst three letters of word CURRENCIES

6) "Non-28" Pairs

It includes every thing eithe SEC currency-pairs, indeces or stocvks etgcc except famous 28 pairs.



- 7) OSC Button
- 8) OSC Button

- 1- OSC = **O**pen **S**econdary **C**urrencies List
- 2- it is save-active, therefore uou can click on it anytime, even if the expert is running. no change to setting
- 3- no need for GROUPS-KEY
- 4 its importance arise from the fact that some brokers offer a plenty of currencies that exceed 19 cusec currency.
- 5-click on it a new row elemnt will appear
- 6-to return back to the original row click on OSC gain.
- 7- ff your brker offer more than 53 SEC currencies, click on the FLIP button to see more hidden rows
- 8- if you reach to the last SEC rows, more click on flip will go to first SEC row elemnts.



9) Non-applicable groups for MillionaireExpert

non-applicable groups for MillionaireExpert

- 1- **PV** , **OPEN/PEND** and **CLOSED** buttons -are very important for other experts like DisplayClick, but they are not essential here
- 2- **USER** button has been explained in depth 1 month ago. it is depend on extern variable which i considered it fuddy-duddy meothd! EXCEL is better
- 3- so ignore thier existance here



Specific Lesson on Repeated pairs

- 1- i think we offer here what may be considered a revolutionary solution:
look at pcicure: AUDUSD is repeated 3 times- so possiblity of different setting for both BUY and SELL
- 2- the possibility of "repeated pair" as many times as you want. for example you can repeat EURUSD 5 times. this help you to distiguish Sell setting from Buy setting or QuickSetting for first 100 pips and different buy setting after 100 pips.

#	Pairs	ASK	n	SPD	n	BID	BL	SL	BS	S	O	D	V	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	AUDUSD	0.75536		1.7		0.75519					34.0	34.0		0.01	0.01	9999.00	1	2	7	5	70.0	
2	AUDUSD	0.75536		1.7		0.75519					28.0	28.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
3	AUDUSD	0.75536		1.7		0.75519					5.0	5.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
4	USDCAD	1.27066		2.4		1.27042					34.0	34.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
5	USDJPY	103.613		1.5		103.598					34.0	34.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
6	EURUSD	1.21542		1.5		1.21527					34.0	34.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
7	GBPUSD	1.34462		2.5		1.34437					34.0	34.0		0.01	0.01	9999.00	1	1	1	20	5	70.0

17- How to use SavedSetting

Do the following please in sequence:

- 1 - choose EUR-red (famous 7 pairs)
- 2- make all your setting, including referencing, only pair EURGBP, deactivate (click orange-5 then refer box then pairs box, then click on EURGBP to deactivate)
- 3- click on "SAVED-SETTING" BOX (First click on SM-1 to be green)
- 4--Damage all your setting by choosing box "MY" for example
- 5- click on import AutoSet box (First click on SM-1 to be green)
- a----click on IMPORT word, (First click on SM-1 to be green)
- b----then after 5 second click on AUTOSSET word, what you notice?

"Import AutoSetting" box

you see one box, but you see two words inside:

Import word: when you click on will retrieve all your old setting, including refPrices

AutoSetting word: the same thing will happen but refPrices are updated. without changing in old file, and refPrice value

===ignore excel csv values and put the current prices as the ref price.

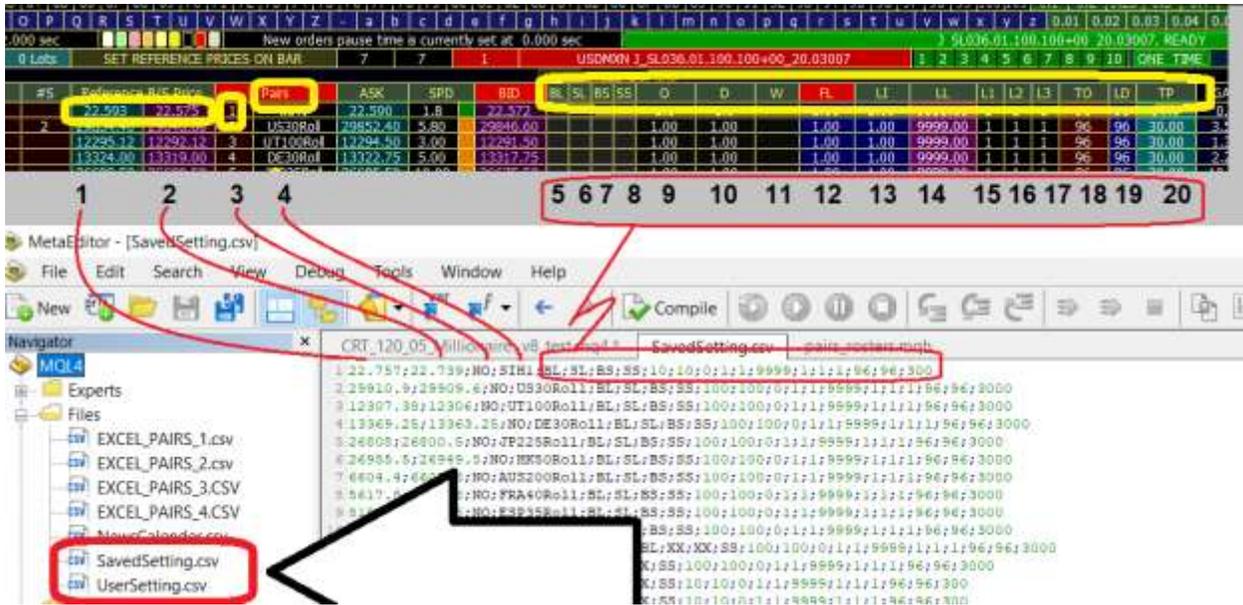
is it clear?

no everything is explained--no more to say about autosaving and retrieving(two cases)

for one who want to validate this post, please the whole test process should not exceed, 5 minutes do not go to excel file, do not open anything else other than your terminal

just follow the last post 5 steps

- 1 - choose EUR-red (famous 7 pairs)**
- 2- make all your setting, including referencing, only pair EURGBP, deactivate (click orange-5 then refer box then pairs box, then click on EURGBP to deactivate)**
- 3- click on "SAVED-SETTING" BOX (First click on SM-1 to be green)**
- 4--Damage all your setting by choosing box "MY" for example**
- 5- click on import AutoSet box (First click on SM-1 to be green)--data retrieved??**
- a----click on IMPORT word, (First click on SM-1 to be green)--data retrieved??**
- b----then after 5 second click on AUTOSSET word, what you notice?--data retrieved??**



18- How to use UserSetting

here forget about data saved

you go to excel then prepare **your permanent** setting, that may you istist on for 2 years.

you are free in everthing except 4 things:

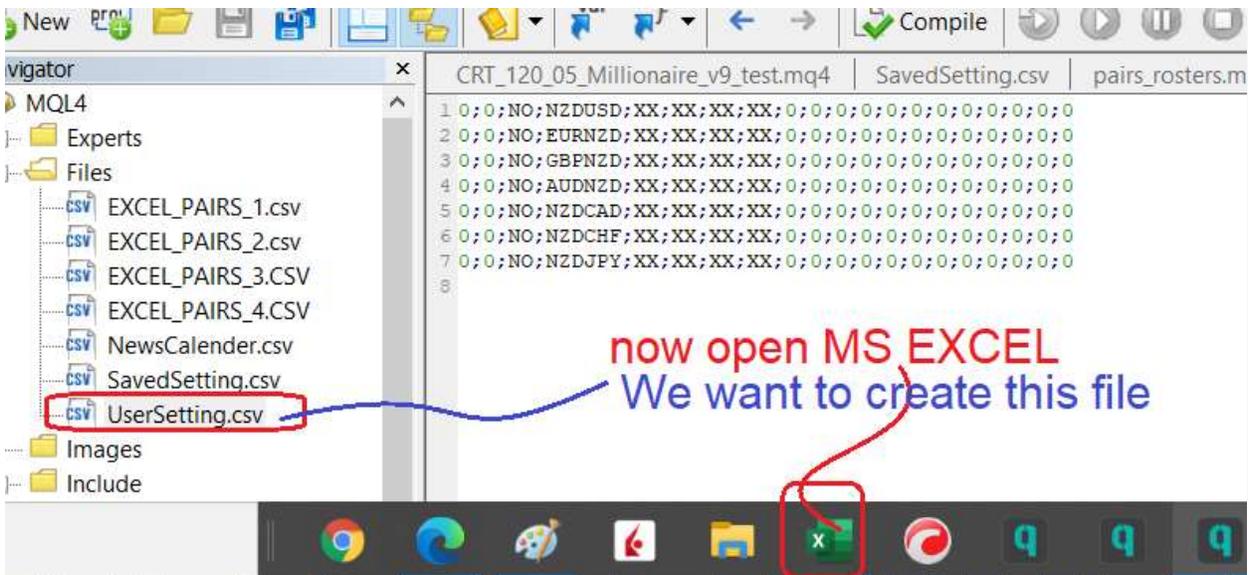
1--file name must be "UserSetting.csv" ----

2- each rwo in excel must have 20 elements arranged as how arranged in saved setting

3- file must be saved under `MQL4\FILES`

4-HIGHLY RECOMMENDED: you had better start from first row

this is more **dynamic**, since you set each variable independetly upon you futuer plan



now open MS EXCEL
We want to create this file

UserSetting
Lesson about this button
actually they are two buttons

The **big advantage** of the second approach, that you write data at once, then it will be your setting for many years if you like.

you can also bypass sparam-Group and go directly to your selected pairs.

-

To recall your manual setting simply:

- 1- click on SK-1,SK-2,SK-3, then
- 2- Click on Import/ User Setting

-----a: if you clicked on word import will retrieve all setting as it is

-----b: if you click on UserSetting word also will retrieve all data as it is except refPrices will be updated on dashboard according to current prices, without any change to excel contents.

Create excel File

But wait, before you recall any data(your setting), you must first create that data.

Open excel then name a new file. File name must be "**UserSetting**" with extension **"*.csv"** or you can download ready-made sample csv file below, then proceed with your modifications upon your desire.

UserSetting.csv

Why the name must be "UserSetting" and extension to be ".csv" ?

ans: simple reason--the source code enforce you to do that--you have no choices.

look at sample code:

```
int i=-1;
int file_handle_2=FileOpen("UserSetting.csv",FILE_READ|FILE_CSV,"");
if(file_handle_2!=INVALID_HANDLE)
{
```

arabic KeyBoard ??

T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURUSD	NO	1.12355	1.12345	1
850	5	20	1	5	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURGBP	NO	1.12355	1.12345	2
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURAUD	NO	1.12355	1.12345	3
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURNZD	YES	1.12355	1.12345	4
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCAD	NO	1.12355	1.12345	5
999	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCHF	NO	1.12355	1.12345	6
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURJPY	NO	1.12355	1.12345	7
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	8

Reference	B/S	Price	Pairs	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
2.00000	1.00000		EURUSD	1.21221	2.1	1.21200					50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			

ON EXCEL USER SETTING

Filling Excel cells

for each instrument, there must be **1 row with 20 columns**

and as explained earlier, the arrangement of 20 variables must be as arranged on dashboard.

For pair#1:

1-Fill A1 cell with your **refBuy** price, you can make it zero if not to be used

2-Fill B1 cell with your **refSell** price, you can make it zero if not to be used

3-Fill C1 cell with either "**YES**" or "**NO**" - all upper case capital letters- to activate or deactivate pair. YES ordinal number box will be RED.

4-Fill D1 cell with pair name. Better to be identical to your broker naming.

5-Fill E1 cell with BL value, either "**BL**" or "**XX**" - all upper case capital letters- **BL** activated , **XX** deactivated

6-Fill F1 cell with SL value, either "**SL**" or "**XX**" - all upper case capital letters- **SL** activated , **XX** deactivated

7-Fill G1 cell with BS value, either "**BS**" or "**XX**" - all upper case capital letters- **BS** activated , **XX** deactivated

8-Fill H1 cell with SS value, either "**SS**" or "**XX**" - all upper case capital letters- **SS** activated , **XX** deactivated

09-Fill I1 cell with **O** (offset) **+ve integer** value--program will say it as a pipette, if you want 5 pips according to traditional concept, edit 50.

10-Fill J1 cell with **D** (Difference) **+ve integer** value--program will say it as a pipette, this gives you more generalization

11-Fill K1 cell with **W** (Widening) **+ve or -ve integer** value.

12-Fill L1 cell with First order Lot **FL** value. It could be integer or float number but not 0. Match it as possible to your broker conditions

13-Fill M1 cell with Lot Increment **LI** value. It could be integer or float number but not 0. Match it as possible to your broker conditions

14-Fill N1 cell with pairLotLimiter **LL** value. Float or integer number--depends on your needs.

15-Fill O1 cell with LotMultiplier-1 **L1**, it must be within limit 1 to 9.

16-Fill P1 cell with LotMultiplier-2 **L2**, it must be within limit **0** to 9.

17-Fill Q1 cell with LotMultiplier-3 **L3**, it must be within limit 1 to 9. better to make it all the time 1.

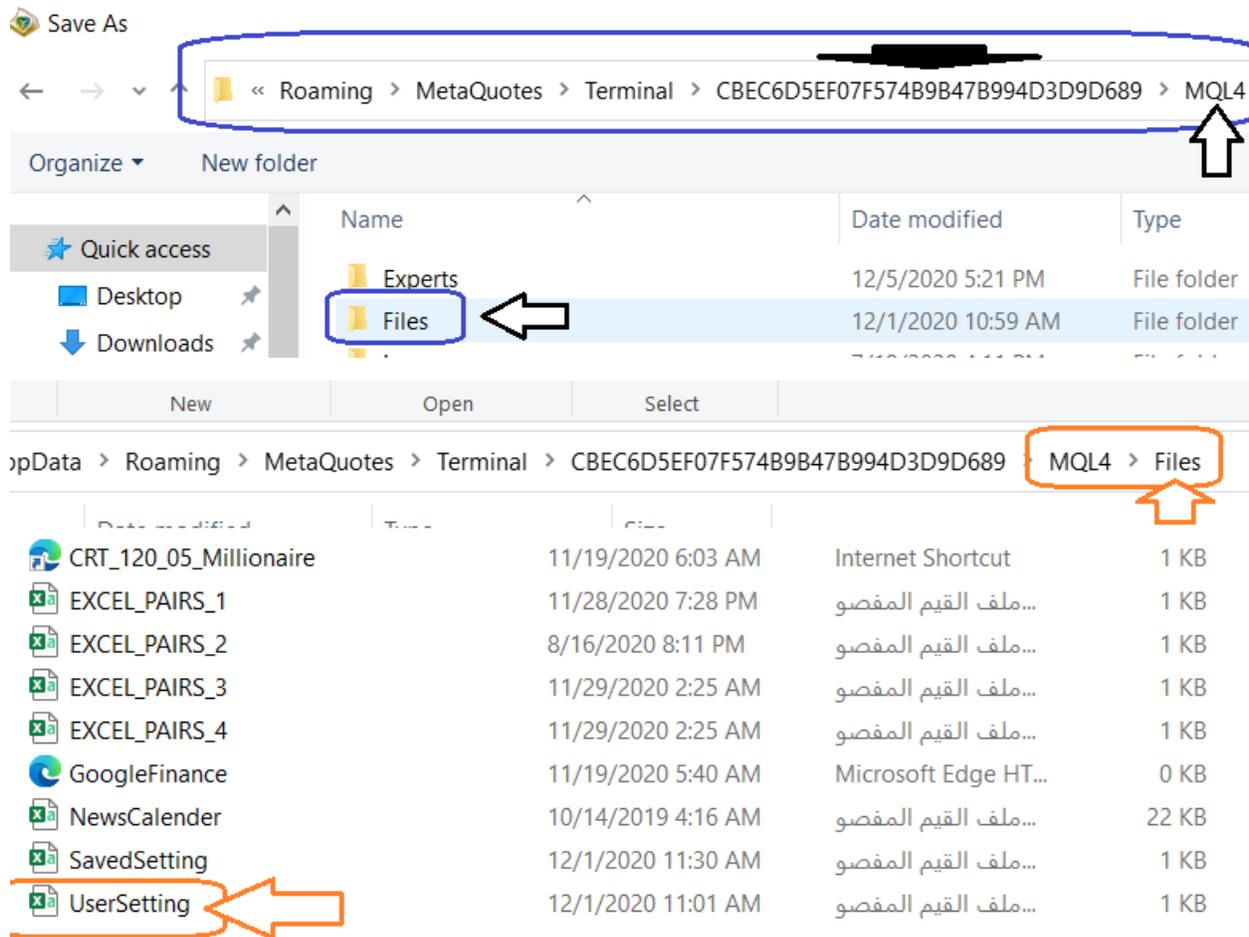
18-Fill R1 cell with **TO** (**T**otal**O**rders**P**er**P**air**I**n**O**ne**D**irection TOPPIOD) +ve integer value. By mere logic it must ne integer.

19-Fill S1 cell with **LD** (**L**a**D**der) +ve integer value

20-Fill T1 cell with **TP** (**T**ake**P**rofit) value in pipettes. Program will say it as a pipette, if you want 50 pips according to traditional concept, edit 500.

Where to save your csv file?

ans: under yourBroker pathname MQL4//**File** folder:



What will happen if you mis-spelled pair name, or write your name instead of pair correct name format??

look at the picture:

exper will cancel all wrong pairs elemnts except showing wrong pair name with darkened ingray colors!

expert will work properly for other six pairs

and when you see something wrong like this-you can modify it or even leave it!! will not affacet anything else!

T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURUSD	NO	1.12355	1.12345	1
850	5	20	1	5	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURGBP	NO	1.12355	1.12345	2
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	ZORAFX	NO	1.12355	1.12345	3
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURNZD	YES	1.12355	1.12345	4
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCAD	NO	1.12355	1.12345	5
999	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCHF	NO	1.12355	1.12345	6
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURJPY	NO	1.12355	1.12345	7
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	8
																				9

Reference B/S Price	Pairs	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
2.00000	1.00000	1	EURUSD	1.21221	2.1	1.21200			50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
2.00000	0.80000	2	EURGBP	0.90232	5.5	0.90177			50.0	50.0		0.01	0.01	9999.00	1	5	1	20	5	85.0
5.00000	1.00000	4	EURNZD	1.72227	9.2	1.72145			50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
2.00000	1.00000	5	EURCAD	1.55007	7.6	1.54931			50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
2.00000	1.00000	6	EURCHF	1.08118	4.7	1.08071			50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	99.9
112.000	125.000	7	EURJPY	126.310	4.3	126.267			50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0

what will happen if you make any row with 21 values!
 picture answer
 this approach you may do it one time in your live trading!
 any error expert will expose it!

Reference B/S Price	Pairs	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP	GAP	P/L USD
2.00000	1.00000	1	EURUSD	1.21221	2.1	1.21200			50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0	9997.9	
2.00000	0.80000	2	EURGBP	0.90232	5.5	0.90177			50.0	50.0		0.01	0.01	9999.00	1	5	1	20	5	85.0	11994.5	
2.00000	1.00000	3	EURNZD	1.67245	5.4	1.67191			50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0	9994.6	

LAST CORRECT VALUE

**YOU ADD BY MISTAKE 21 ROW VALUES INSTEAD OF 20
 Therefore everything after will go wrong!
 so please do everything as has been explained - it is a money!**

U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURUSD	NO	1.12355	1.12345	1	
850	5	20	1	5	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURGBP	NO	1.12355	1.12345	2	
66	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURAUD	NO	1.12355	1.12345	3
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURNZD	YES	1.12355	1.12345	4	
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCAD	NO	1.12355	1.12345	5	
999	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCHF	NO	1.12355	1.12345	6	
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURJPY	NO	1.12355	1.12345	7	

look at o column in your picture
 expert converted first to pipettes, if they originally not pipettes
 expert know in advance, your intention is **pipettes** or **tripettes** or **pips**
 pipetts always correct for all broker for all pairs. no way for mistakes with **pipette**
 impossible
 just to know that excel setting show pipettes
then program later convert to pips or tripettes.
 and that the best thing you can imagine in programming.

19- Equity-Alert Music System

Echo-Sytem (Skat's music alert for Lower/Upper user-equity thresholds) - 7 buttons

D	49950.01	Y	49957.76	N	50015.42	U
---	----------	---	----------	---	----------	---

main concept: to alert trader if equity drop to lower-level-determined-by-trader or upper-level
 assume your eq now is 1000 USD, and you want to be notified if equity pass 1200 USD or drop under
 800 USD. This incorporated-expert help.



0- Be sure first that your PC speaker is **ON**

1- **Button #1** : is your account current equity.

----1-1: it is active-save button

----1-2: when you click on it will activate both D or U or deactivate them at the same time .

2- **button #2** to set lower equity level.

----2-1: use CWC or edit-CWC to set value

----2-2: if you choose equity greater than current equity, expert will set it at current equity.

----2-3: range for accepted values is shown in ToolTip. b/w 0 and current equity

3- **button #3** to set upper equity level.

----3-1: use CWC or edit-CWC to set value

----3-2: if you choose equity less than current equity, expert will set it at current equity.

----3-3: range for accepted values is shown in ToolTip. from current equity until 10 doubles of current equity.

4- **button #4:** "Y" button

----4-1: this is allow equity to increment up or down by 0.1% if current equity hit either level, upper or lower

----4-2: Green is activated "ON-status"

----4-3: it cancels button "N" and vice versa

----4-4: you will hear musicUpper or Lower only one time, then increment to new level and wait.

----4-5: the new level values will be shown under button #2 and #3

----4-6: you can consider it a **measure for your lowest and highest equity** during operating system

5- **button #5:** "N" button

----5-1: when equity reach upper or lower level you will hear repeated music for ever until user intervention or equity be below levels.

----5-2: the music for upper level is different from lower-level music

----5-3: it cancels button "Y" and vice versa

----5-4: if you design your own music, the file name must be:

-----5-4-1: for lower music "EquityDownMusic.wav"

-----5-4-2: for upper music "EquityUpMusic.wav" -- download zipped-file in attachemnt

-----5-4-3: this files must be saved under C:\\ ... yourBrokerFile\\Sounds---look at this picture:

----5-4: N = "No" = No equity increment here.

Attached File

 [UpperLowerEquitySounds.rar](#) 438 KB | 1 download

6- **Button #6** -to tune ON or OFF music for **lower** side

----6-1: RED: music ON

----6-2: NON-RED: music OFF

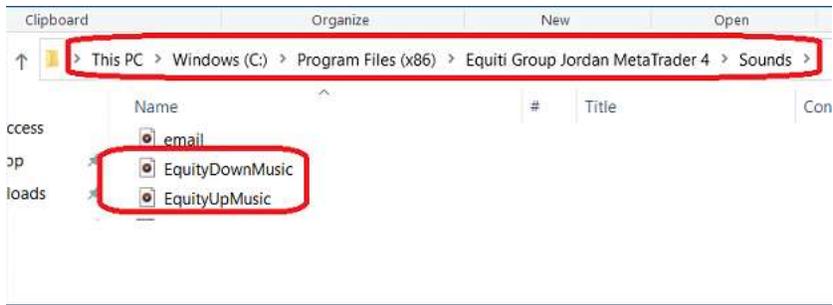
----6-3: D = Down

7- **Button #7** -to tune ON or OFF music for **upper** side

----7-1: RED: music ON

----7-2: NON-RED: music OFF

----7-3: U = Up



20- Instruments Daily Range

21- Various Scripts: Close-Delete-Modify

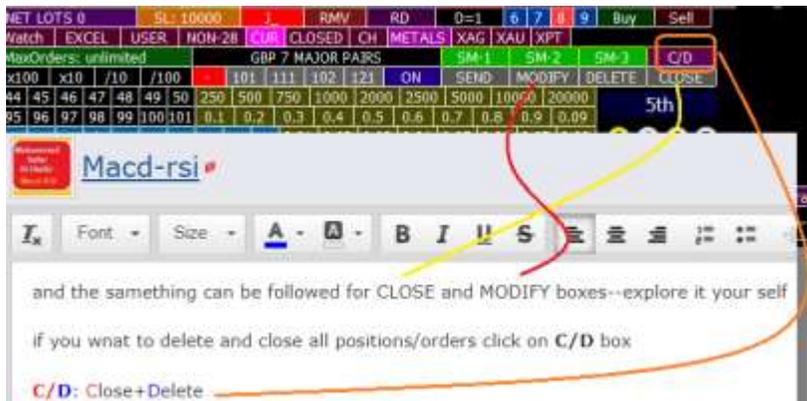
To delete all pending orders:
click on **SM-1** then **SM-2**, then **SM-3**, then **DELETE** box



and the something can be followed for **CLOSE** and **MODIFY** boxes--explore it your self

if you want to delete and close all positions/orders click on **C/D** box

C/D: Close+Delete at the same time



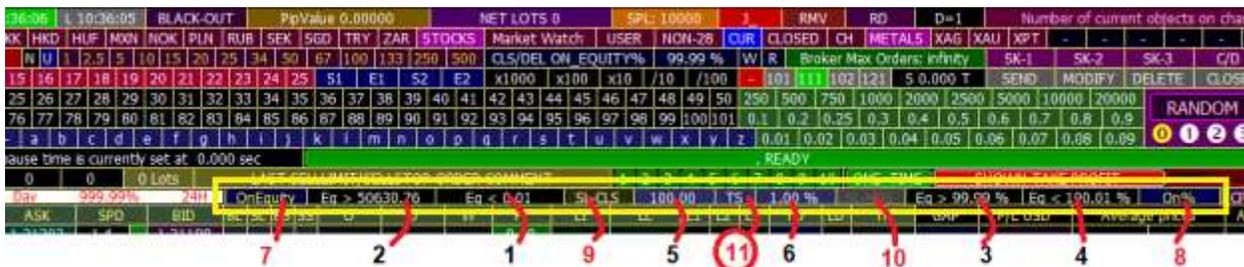
22- Close on Equity% with 4 options –Sawadee



They are a close-mechanism when conditions satisfied either TP or SL

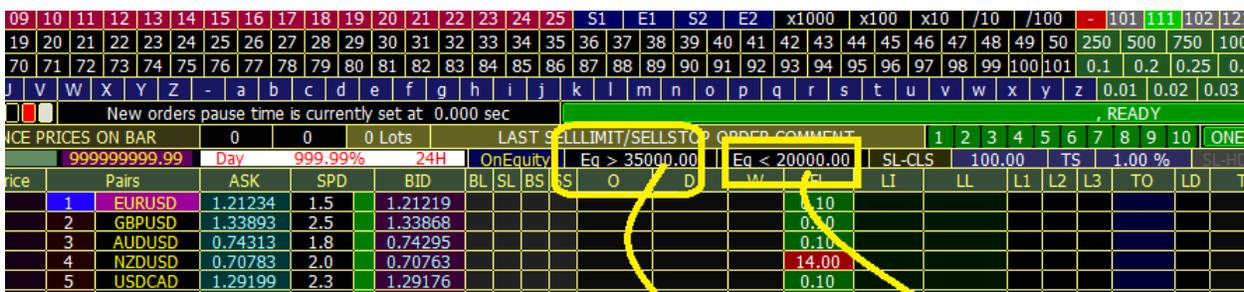
- + close most profitable first in descending positive
- close worst first in descending negative
- > close starting from larger lots
- x: normal mt4 close--according to order serial number--the most famous one

23- Smart-StopLoss System with two options



we have 11 boxes?

how many boxes we have?



so we have first to set EquityUpperLimit(TP) and EquityLowerLimit(SL)

equity may goes up (possible profits) --- equity goes down(possible losses)

"Eq > XXX" Box --> Smart-Take-Profit: when equity reach upper-user-equity limit--it closes/delete all orders

"Eq < XXX" Box --> Smart-Stop-Loss: when equity drops below lower-user-equity limit--it closes/delete all orders

so we have first to set EquityUpperLimit(TP) and EquityLowerLimit(SL)

1- simply use CWC-method, or Edit method (if your desired value in ready-made-dummies)

2- Click on EquityUpperLimitBox or EquityLowerLimit box

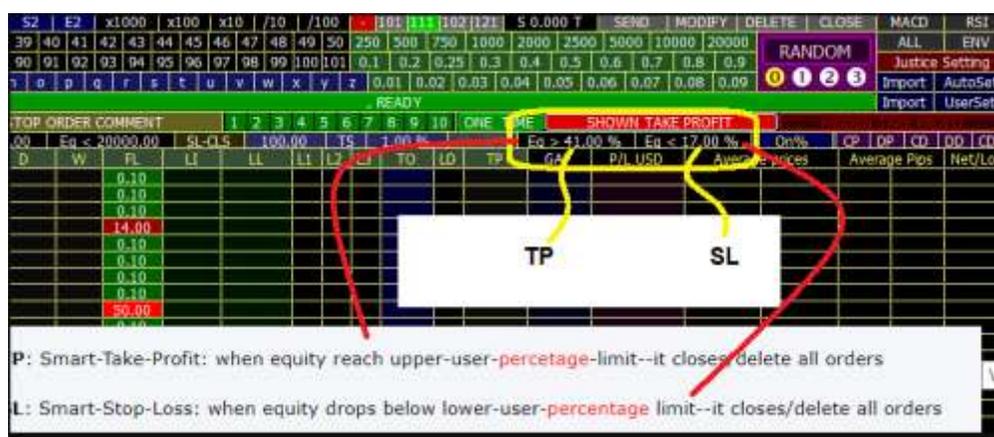
if you put wrong unreasonable number(upperLimit below current equity), **expert will reject it** --so do not worry--click savely--do not think too much--do not think at all in sequenece of wrong values! will be rejected immediatly

wh

ses/delete all orders

in above picture is clearly that equity b/w 20,000 and 35,000

when equity>35000 or equity<26000----everthing will be closed/deleted (virgin account 😊)



and you can do the same steps in lesson on perctages (not equity)

i will [copy-paste](#) lesson 2 here but replace two words:

TP: Smart-Take-Profit: when equity reach upper-user-**percentage**-limit--it closes/delete all orders

SL: Smart-Stop-Loss: when equity drops below lower-user-**percentage** limit--it closes/delete all orders

i rreplaced word "**equity**" by word "**percentage**"

24- Smart TrailingStop with two options



Smart Trailing Stop? "% or "USD" ??

You have **both** two options

you can make your trailing stop by percentage or by some fixed amount of USD (or your account

currency if not USD--Like EUR for zorafx 😊)

you had better do it in the beginning, either you use TS method or not.

look at picture 1) box for **amount**, and 2) another box for "%"



OnEquity or **OnPercentage** TP/SL ??

Boundries boxes:

1- **OnEquity**

2- **OnPercentage**

When you set all 6 values (4 values if you ignore TS)

You can choose one approach, either **OnEquity** limits or **OnPercentage** limits. just click on one of them

clicking in one de-activate the other immediatly---do not worry

if you choose **OnEquity** --- EqLimits will be used (percentage limits will be ignored)

if you choose **OnPercentage** --- %Limits will be used (equity limits will be ignored)

we here not yet started this inside-expert process---we just prepare it for use---not yet activated. (saftey first)

if you choose **OnEquity** --- EqLimits will be used (percentage limits will be ignored)

LAST SELLIMIT/SELLSTOP ORDER COMMENT										2	3	4	5	6	7	8	9	10	ONE TIME	SHOWN TAKE PROFIT	CP	DP
OnEquity	Eq > 35000.00	Eq < 20000.00	SL-CLS	100.00	TS	1.00 %	Eq > 41.00 %	Eq < 17.00 %	On%													
BID																						
1.21257					0.10																	
1.34000					0.10																	
0.74262					0.10																	
0.70743					14.00																	
1.29099					0.10																	
0.892																						
104.3																						
0.904																						
1.632																						

TP/SL methods

which action method i can use to stop loss? directly or indirectly?

- 1- Close/Delete ALL method, or
- 2- Hedge/Delete ALL

the second one is de-activated (only personal use) -- since your broker may offer limitedOrdersNun

But the first method is our main method, just click on its box "CLS-SL"--- change to RED = Aactiva

TP/SL methods

which action method i can use to stop loss? directly or indirectly?

- 1- Close/Delete ALL method, or
- 2- Hedge/Delete ALL

the second one is de-activated (only personal use) -- since your broker may offer limitedOrdersNumber, then it may be hurtful to you. always this box is **gray**

But the first method is our main method, just click on its box "CLS-SL"--- change to RED = Aactivated. wait for next lesson about logic-control-flow

Yesterday we spoke about "sensitivity"

The screenshot shows a trading interface with a table of order parameters. A yellow arrow points to the 'TS' column in the table. A text box overlay reads: "Lesson-06 on Smart-Stop-Loss", "TrailingStop TS key", and "if you want to activate trailing stop just click on it -- it will become BLUE".

TrailingStop TS key

if you want to activate trailing stop just click on it -- it will become **BLUE**



logic-1:

1- clicking on any one of the **4-box values** de-active *immediatly* all **5 SL fire-boxes**
 greet degree of safety since it has been coded on "sensitivity=doubt and suspicious"
 TS **2-box values** passive from this viewpoint



logic-2:

- 1- clicking on any one of "Mode-Selection" boxes (=OnEquity + OnPercentage On%) de-activate all other three fire boxes (**CLS-HDG-TS**)
- 2- if you click on OnEquity, On% will be immediatly deactivated
- 3- if you click on On%, OnEquity% will be immediatly deactivated
 -----they never work at the same time--no way at all.
- 4- to activate you must use keys **SK-1 --> SK-2- -> SK-3 ----->OnEquity or On%**
- 5- **Blue** is the sign of "ON-state"
- 6- **SK-ns** will remain **GREEN** for 20 seconds "**=active**" for the sake of next step on CLS

hint: it comes second in the priority, after "**setting value**" which is the top priority,



logic-3: CLS/HDG

- 1- ignore HDG box
- 2- when you try to click on **CLS-SL** box, to activate SmartStopLoss method, expert will **reject** your click unless **SKs** are green and one of the mode selection boxes is activated--high degree of safety
- 3- if activated and then you click on any value or on any one of **selection-mode boxes(OnEq or On%)**, it will be de-activated immediatly--suspicious
- 4- **SKs** will remain green for next step on TS or be OFF after 20 second of first click on SK-1 box, seconds ago
- 5- if you are vey slow and SKs boxes change to OFF, re-activate them again. do not worry any previous SL-Method step will not be affected.
- 6- **RED**-color is the sign of CLS-SL activation "ON-state"



logic-4: last priority

- 0- **SKs** must be all on
- 1- when you click on TS--it will become BLUE--- it is "READY-ON"
- 2- it will not work, unless uou decide either 1) TS-USD or TS-"%"
- 3- Click on TS-USD box it will become BLUE,
- 4-If you click on TS-%--- it will deaactivate TS-USD, and vice versa
- 5- the sign of TS mode is bright **BLUE**-color
- 6- so two boxes among TS three boxes must be BLUE
- 7- **SK-1,2,3** must be green to select TS mode
- 8- if **SKs** not all green, then we refer in prev lesson, it will set new values to TS USD or TS %

TOTAL EXPERT BLACK OUT

When any threshold linit has been hit, all orders closed/deleted every thing later will be automatically halted "blackout-state"

no math calc--no trading, no ability to click

but **all your setting** remain the same. when you click on 0x0 box to return from blackout.

after black out you will find:

1- halt state

2-clicks-lock state

remove the halt,'

remove clicks-lock

and do what you want to do

26- RANDOM Entries for the 6 types

RANDOM box

The screenshot shows a trading software interface with a grid of buttons and data fields. A yellow box highlights the 'RANDOM' button, which is crossed out with a yellow 'X'. Other buttons include 'SK-1', 'SK-2', and 'SK-3'. The interface also displays various data fields such as 'SPL: 10000', 'CUR', 'CLOSED', 'CH', 'METALS', 'XAG', 'XAU', 'XPT', 'C/D', 'Export Setting', 'MACD', 'RSI', 'ENV', and 'Justice Setting'. The status bar at the bottom shows 'Passive' and 'READY'.

to add for Swaddee beautiful box called RANDOM

here you need to test delete close etc.... so you need many orders open or pending to test on them

do you enter manually?

100 trades manually??

you can

of course you can not

do not worry it will work on demo only, other expert boxes /demo/life

but random on demo only

why random?

1- it will enter a total order number with random value.

2- it will select pair randomly

3- entry price of pending orders will be random

4- lot of each order will be random

5- type of order will be random

6- everything is random

please all click as follows:

SK-1----SK-2---SK-3---RANDOM



Size	Symbol	Price	S / L	T / P	Price	Swap	Profit	Comment
0.03	usdmxn	19.98178	0.00000	0.00000	19.96040	0.00	-3.21 ×	RANDOM-20
0.09	usdmxn	19.98178	0.00000	0.00000	19.96040	0.00	-9.64 ×	RANDOM-23
0.36	usoiroll	45.080	0.000	0.000	45.007	0.00	-26.28 ×	RANDOM-26
0.13	eurcad	1.56799	0.00000	0.00000	1.56795	0.00	-0.40 ×	RANDOM-33
0.17	eurusd	1.21244	0.00000	0.00000	1.21330	0.00	14.62 ×	0
0.39	eurusd	1.21199	0.00000	0.00000	1.21330	0.00	51.09 ×	0

16 Margin: 3,473.35 Free margin: 13,388.81 Margin level: 485.47% -1,74...

ws | Alerts | Mailbox 177 | Market 109 | Signals | Articles | Code Base | Experts | Journal

EURCAD #23434637

27- RANON Entries for Market types only

28- Off-Line Orders

"Placing non-hidden Pending Orders"

Placing all Orders based on Script (NOT EA), EA do not be turned on for this method of placing orders, but broker is able to see all your pending orders.

The screenshot shows a trading platform interface with a list of orders and a detailed instruction window. The instruction window contains the following steps:

- 1- Click on **SPARAM**--to be RED
- 2- Click on **EUR**---RED
- 3- Click on "**100** Orange"
- 4- Click on "**PAIRS**"
- 5- Click on ReadyMadeDummy "**8**"
- 6- Click on "**TO**"--- Now all total orders will be 8
- 9- Click on ReadyMadeDummy "**2**"
- 10- Click on Ladder **D** -- Now D=2 for all
- 11- Click on "**SL**" to **deactivate** SellLimit orders
- 12- Click on **SM-1** -- to be Green box
- 13- Click on **SM-2** -- to be Green box
- 14- Click on **SM-3** -- to be Green box
- 15- Click on "**SEND**"

Test: do the following steps in sequence:

- 1- Click on **SPARAM**--to be RED
- 2- Click on **EUR**---RED
- 3- Click on "**100** Orange"
- 4- Click on "**PAIRS**"
- 5- Click on ReadyMadeDummy "**8**"
- 6- Click on "**TO**"--- Now all total orders will be 8
- 9- Click on ReadyMadeDummy "**2**"
- 10- Click on Ladder **D** -- Now D=2 for all
- 11- Click on "**SL**" to **deactivate** SellLimit orders
- 12- Click on **SM-1** -- to be Green box
- 13- Click on **SM-2** -- to be Green box
- 14- Click on **SM-3** -- to be Green box
- 15- Click on "**SEND**"

SEND-28P-SL-SS O=D=5,FL=0.05-101-TP250

OFF-LINE-ORDERS

Only SELL POISTIONS (SS+SL) WITHOUT TECHNICAL THINKING FOR ALL 28 PAIRS

3	AUDUSD	0.76049	1.7	0.76032			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
4	NZDUSD	0.71223	2.3	0.71250			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
5	USDCAD	1.27624	▲	1.27602			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
6	USDCHE	0.88306	▲	0.88285			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
7	USDJPY	103.466	▲	103.450			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
8	EURGBP	0.90660	▲	0.90637			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
9	EURAUD	1.61184	▲	1.61156			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
10	GBPAUD	1.77824	▲	1.77767			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
11	AUDCAD	0.97048	▲	0.97021			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
12	AUDCHF	0.67154	▲	0.67128			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
13	EURJPY	126.806	▲	126.784			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
14	GBPJPY	139.889	▲	139.860			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
15	NZDCAD	0.90951	▲	0.90921			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
16	NZDCHE	0.62945	▲	0.62908			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
17	EURCAD	1.56411	▲	1.56375			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
18	GBPCAD	1.72548	▲	1.72501			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
19	AUDNZD	1.06720	▲	1.06694			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
20	CADCHF	0.69204	▲	0.69175			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
21	EURCHF	1.08225	▲	1.08197			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
22	GBPCHF	1.19291	▲	1.19251			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
23	AUDJPY	78.683	▲	78.658			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
24	NZDJPY	73.739	▲	73.714			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
25	CADJPY	81.987	▲	81.963			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
26	CHFJPY	117.192	▲	117.158			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
27	EURNZD	1.71995	▲	1.71963			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
28	GBPUSD	1.89742	▲	1.89696			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0

- if price goes **up**, find **sell-limit**
- if price goes **down**, find **sell-stop**

29- Reference Prices

1) Set Reference on CURRENT Market (Ask/Bid) Prices

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	-	a
New orders pause															
0.03 SET REFERENCE PRICES ON BAR 31															
JPY 7 MAJOR PAIRS 999999999.99 Day															
LS	#S	Reference B/S Price		Pairs		A									
		104.044	104.043	1	USDJPY	104									
0.15	10	125.965	125.961	2	EURJPY	126									
0.07	6	138.968	138.960	3	GBPJPY	138									
		77.175	77.173	4	AUDJPY	77.									
		73.181	73.176	5	NZDJPY	73.									
		81.299	81.295	6	CADJPY	81.									
		116.759	116.751	7	CHFJPY	116									

REFERENCE Box refers to two columns shown in picture below. By clicking on the Reference price twice, it will show ALL the current market (Ask/Bid) Prices of all the pairs

- Buy orders reference from (Left Column-Ask) Price
- Sell orders reference from (Left Column-Ask) Price

Example if O=D=25 pips, (assuming BL,SL or BS,SS is activated)

If price goes below the Left REFERENCE Box column by 25pips, 1 **Buy** order will be placed
 If price goes above the Right REFERENCE Box column by 25pips, 1 **Sell** order will be placed

Tip 1: If you do not want to populate all pairs (more reference prices, more computing power required), you can select only pairs you want to set your Reference Prices

Tip 2: If you want to change only the reference price of 1 of the pairs either (Buy or Sell). Clicking on the pair will auto populate only the Reference Sell Price, based on the current Bid Price (same as Bid Price column). See below.

Reference B/S Price	Pairs	ASK	SPD	BID
104.044	1 USDJPY	104.056	0.0	104.056
125.965	2 EURJPY	126.070	0.3	126.067
138.968	3 GBPJPY	138.941	0.7	138.934
77.175	4 AUDJPY	77.280	0.4	77.276
73.181	5 NZDJPY	73.266	0.5	73.261
81.299	6 CADJPY	81.372	0.5	81.367
116.759	7 CHFJPY	116.805	0.8	116.797

2) Set Reference Prices on Bar - Future

Timing based on: **Terminal** or **Local** selected by user

Timeframe: **H1 only**

Intention: To set a future price which I want to set my reference price (only Hour)

Example: I want to set my reference price based on Europe Opening hours later

Action: **Select R** -> XX(hour) based on Terminal or Local Timing

3) Set Reference Prices on Bar - CURRENT Bar

Click here
Observe here

Reference B/S Price	Pairs	ASK	SPD	BID
104.044	1 USDJPY	104.078	0.0	104.078
125.965	2 EURJPY	126.093	0.1	126.092
138.968	3 GBPJPY	138.949	0.7	138.942
77.175	4 AUDJPY	77.277	0.3	77.274
73.181	5 NZDJPY	73.266	0.6	73.260
81.299	6 CADJPY	81.385	0.3	81.382
116.759	7 CHFJPY	116.829	1.0	116.819

Set reference prices based on OPEN price of current Bar's Timeframe (where EA is placed in)

Assume you apply expert now, time now is 11:33 AM.

But you want to reference at prices at the opening of current candle (depend on expert chart time frame) - say it is **H4**-time frame

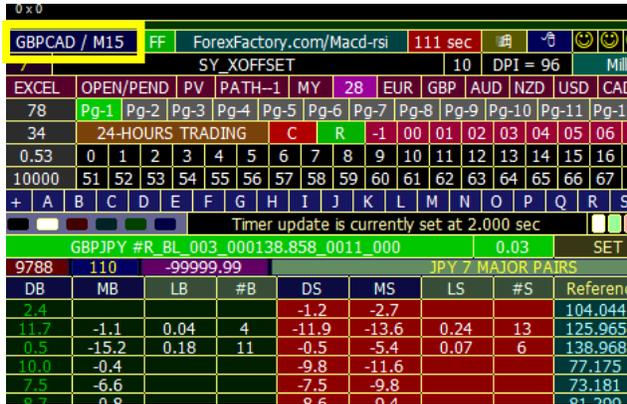
Assume Candle opens at **08:00, 12:00, 16:00** etc
 If Current time of 11:33, it will **reference the opening price of bar at 08:00 H4 candle.**

you know the difference b/w 08:00 prices and now 11:33 may be huge. you may like that!

4) Set Reference Prices on NEXT Bar

N-UT: Next Automatic Update of Reference Values (For REPEAT option only)

Set reference prices automatically based on **NEXT OPEN** price Bar's Timeframe (where EA is placed in)



Current Timeframe: M15

Terminal Time (Active): T 07:25:03

N-UT (AUR Red – Active): 2020.12.08 **07:30**

At **07:30**, the Reference B/S Price will automatically update all prices based on the next opening price of the M15 Bar

5) Set Reference Prices on Previous bars - Vietnamese Box

Timing based on: Terminal only

Timeframe: Depends on current Timeframe your expert is in (M1 -> Monthly)



and since i add **string** characteristics to edit field, it is possible to **edit** specific **pair name** and attached to dashboard instead of any pair immediately



Vitenamce Ref System is build on high degree of safety:

1- if you enter time out side of bars time (time of sundays for example) -- expert strictly will discover it and reject it.

2- to set timer--you must know correct time format "yyyy.mm.dd hh:mm"

----- dot "." b/w first three parameters and "" symbol b/w last two elements

----- do not forge tspace" " b/w them

year then dot then **month** then dot then **day** then **single space** then **hours** then **minutes**

3- for safety and not east to change time later, by false click, you must use SK1,SK2,SK3 then clock on box

4- if you do, now you can refrence price but also on high degree of safety:

-----a- first SK-1

-----b- you have to click on VietnameseBox, 4 times to enfore refPrice to be modified to opening of you selected time.

5- you are now free of H1 frame, if you set ExpertChart for example to M5, then it will take the openings based on M5.

Example you edit "2020.12.09 07:**33**" -- it will take openinigs of "2020.12.09 07:**30**"
33 is part of 30 in M5.

6- before doing any thing choose first - say MY groups - and observe rePrice

7- it is your high resposibilty to validate is thing are working properly or not. I do it for you, thereore I expect to pay high attenstion, if possible devote some hours to check.

8-please after counter 3 and refPrices changed---observe row of TRADING-HOURS---does RefHour box is colored with your hour in your selectedTime???? or not.

for example; you choose "2020.12.09 **07:33**" -- does box Hour_7 , "**07**", is **GREEN??**

Intention: To set a past price which you want to set my reference price but I cannot use "Set Reference Prices on Bar" (since it only gives Bar0 price), this allow me to set prices based on previous bars

#Post 2344

sacredragon

Hi I am referring to the Vietnamese Box testing.

Let me try to illustrate it so that I understand better.

Current Date: 2020.12.09

Current Time: T19:**01:24** (in picture)

Current Timeframe: M5

Old version > Allows us to set current OPEN price based on current timeframe M5 by clicking on "SET REFERENCE PRICES ON BAR" box at 19:**00:00**

New version > Aim to allow us to set OPEN price based on current timeframe M5 but few (M5) bars/ candle ago by clicking on the Vietnamese Box.

Example: I want to set 1 bar ago based on M5 > retrieve OPEN price of M5 1 bar ago at 18:**55:00**. Any timings from "2020.12.09 18:**55** to 2020.12.09 18:**59**" will give us the OPEN price of M5 1 bar ago.

If what I understand was correct, I have tested using the following steps but have been unsuccessful, do correct me if I am doing it wrongly.

Observe -> Current Reference B/S Prices

SK1,2,3 -> Vietnamese Box

Edit -> key in 2020.12.09 **18:55**

Sk1 -> Click Vietnamese Box 4 times

SK1,2,3 -> Vietnamese Box to display timings "2020.12.09 **18:55**"

My observations:

1) Reference B/S Price disappears

2) R Timing does not show

3) Can I confirming timing that we key into "yyyy.mm.dd hh.mm" corresponds to T and L timings?

Propose:

1) Is it possible to include the timing of the Current Reference B/S Price as well, so that we know what date/time the Reference B/S Price was taken from.

#Post 3408

Macd-RSI

Quote

Old version > Allows us to set current OPEN price based on current timeframe M5 by clicking on "SET REFERENCE PRICES ON BAR" box at 19:00:00

true, "SET_REF ON BAR" on candle #0, last candle, you named it "current" -- and that also true

Quote

New version > Aim to allow us to set OPEN price based on current timeframe M5 but few (M5) bars/ candle ago by clicking on the Vietnamese Box.

true

plus more task: it will set trading hour for coming days, at the hour which is part of vietnameTimer. 2020.12.01 09.08

at that day "pats or first time" prices were at 2020.12.01 09.05-----past but coming days if new human inervene, REF_HOUR = 09:00 ---- box "9" will be Green-----future

Quote

Example: I want to set 1 bar ago based on M5 > retrieve OPEN price of M5 1 bar ago at 18:55:00.

Any timings from "2020.12.09 18:55 to 2020.12.09 18:59" will give us the OPEN price of M5 1 bar ago.

exactly

Quote

Observe -> Current Reference B/S Prices

SK1,2,3 -> Vietnamese Box

Edit -> key in 2020.12.09 18:55

Sk1 -> Click Vietnamese Box 4 times

SK1,2,3 -> Vietnamese Box to display timings "2020.12.09 18:55"

yes , it must not change refPrice. thanhalove speak about it.

Reason: you choose future value--- future time without bar (bar not created yet on chart). this box is built on exsisting bars

assume you select bar of sunday time! alsu refPrice must not change.

if changed there is a problem in the code==== mismatch b/w what we have said here and how things aer running.

Quote

Propose:

1) Is it possible to include the timing of the Current Reference B/S Price as well, so that we know what date/time the Reference B/S Price was taken from.

great propose

will be added on vietnamese box, so this box show last refProcess time.

realy it is great idea.

very great.

thank you.

if you were programmer, iam sure you will do things much better

Quote

3) Can I confirming timing that we key into "yyyy.mm.dd hh.mm" corresponds to T and L timings?

since we take bars, and bars belong to broker, and broker is the owner 😊 of the terminal, here no choice.

but from math veipoint and then fron programming point of veiw, conversion is easy b/w local and

Tremibal.

assume you apply vietnamese box. bar deal with Terminal time.
But you choice is Local Time. then in this case program know all this facts and do conversion.

assume thanhalove local time is 19:00 while terminal is 12:00
and he always choose "L ---- Local"
and edit 2020.12.10 12:12 ---- program can see it as thnhalove intention -- as a local time, then
convert it inetrenaly to terminal time,
this is possiblem but may pose some confusion!

better solution is that immediatly when select Vietnamese system-- **program enforce every thing to be on terminal mode.**

a) Coordination of Ref Timers (synchronization)

now vietnamses timer is synchronized with any other ref method

activating one method to **de**-activate others

also timeFormat

you can use yyyy -- result will be the current time moment for example "2020.12.10 22.34"
you can use yyyy.mm -- the result will be the start of the month
if you edit 2020.09 -- result: 2020.09.**01 00:00:00**

also you can use format yyyy.mm.dd
for example you edit 2020.12.07 --- result: 2020.12.07 **00:00**

if you edit any wrong valued for example "7" or "T#9879-98FsU" or "98457" -- the result will be the
start of current date
For example you edit T677YX677 then clicked on SK-1,SK-2, SK-3 then Viet box, the result will
be **2020.12.10 00:00:00**
today is 2020.12.10



30- Trading Online with three modes:

- 1) ONE-TIME mode
 - a. Shown TP
 - b. Hidden TP
- 2) REPETION mode
 - a. Shown TP--Non-Referencing
 - b. REPETION mode--- Hidden TP--Non-Referencing
 - c. REPETION mode--- Shown TP--AUTO-Referencing with 4 options
 - d. REPETION mode--- Hidden TP--AUTO-Referencing with 4 options

3) Ref Hour R and Repetition Mode

Ref Hour R and REPETION MODE

If you set R at specific hour let us say 13:00,

then you are trading using REPETION MODE:

1-- if AUR is OFF, then no change to R-Hour

2-- but if AUR is ON "RED" -- expert will immediatly reject your R-Hour if you try to set R agin, you can not. expert **reject** always

AUR is Red = ON
Therefore you can not set R
To prevent conflict of referencing

31- Trading Hours Allowed

T 12:16:32	L 18:16:32
------------	------------

T = Broker Terminal Time

L = PC Local Time

1) How to set time for Expert trading

Lastest Update:

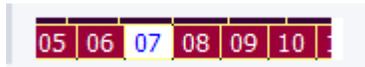
#Post 2484

Trading Hours 34 buttons

- 1- you can choose trading for the whole day. It is the expert default setting.
- 2- if you click on button "24-Hours Trading" -- trading is permitted for the whole day.
- 2--1-- This box will cancel any specific trading period setting.
- 2--2-- It will not affect R-hour or C-hour



- 3- Out-of-trading hours will be in gray color with more dark-gray text color
- 4- Allowed-trading hours will be in redish-purple color "crimson-color"
- 5- R-hour original color is Lime, with white text. like this 09, out-of-trading-hours -if R-hour within the allowed-trading hours, Lime box with dark Green text, like this 09
- 6- C-hour original color is Red with white text. like this 09, out-of-trading-hours -if C-hour within the allowed-trading hours, Red box with dark Red text, like this 09
- 7- if C-hour is the same as R-hour, out-of-trading-hours, box color is magenta color, with white text. like case shown on picture 22
- 8- if C-hour is the same as R-hour, within allowed-trading-hours priod, box color is white color, with blue text. look at this picture:



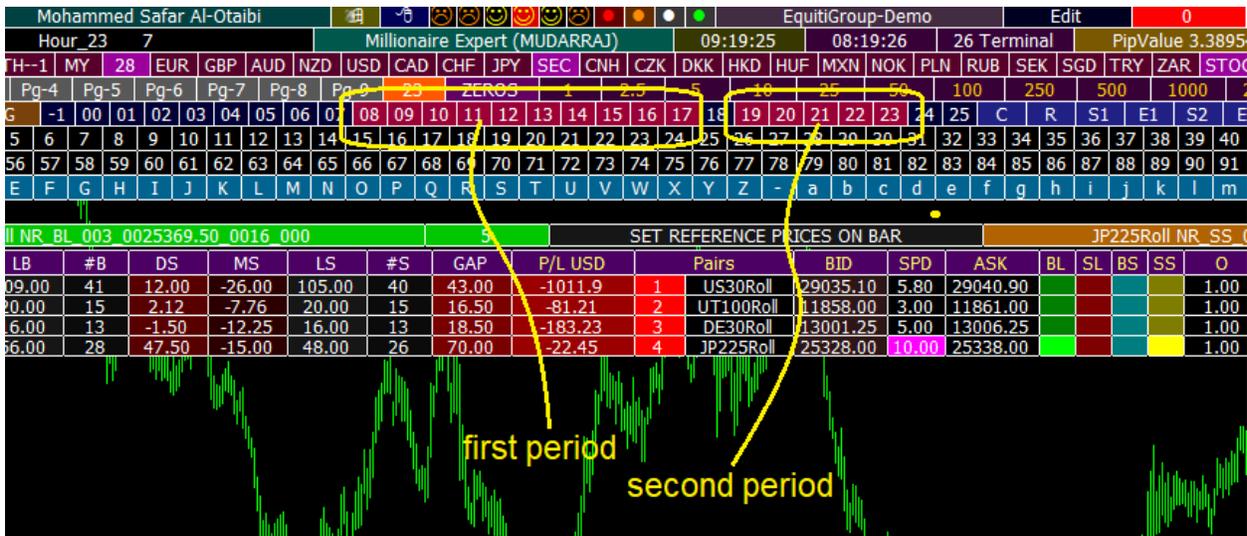
- 9- no more, only 8 possible cases
- 10- if C-hour is the same as R-hour, expert will close first then reference. the whole process may take 30 seconds of you have around 100 open positions.
- 11- in C-hour, no pending orders will be deleted.
- 12- you have the ability to determine 2 periods for a single day.
 - 12-1: first period: from S1-hour to E1-hour.
 - 12-2: second period: from S2-hour to E2-hour
 - 12-3: **S** is **Start**, **E** is **End**.
 - 12-4: if you want to cancel sepefic period, set both S and E at -1 or 25, if S2=-1, make also E2=-1
 - 12-5: the two periods may overlap at some hours, try to avoid unnecessary overlapping.
 - 12-6: if you want S today and E next day, say trading from 22:00 to 04:00 next day, make S1=22, E1=25, S2=-1 or 0, E2=04
 - 12-7: E1 and E2 are **exclusive** not inclusive buttons, for example when you set E1 at 21:00, that mean trading stop at 21:00:00 not at 21:59:59
- 13: to set any hour-value, click first on appropriate key, then click on that hour button.
 - 13-1: to set S1 at 09:00, click first on S1, bright blue, then click on 09,
 - 13-2: to set E1 at 13:00, click first on E1, bright blue, then click on 13,
 - 13-3: to set S2 at 16:00, click first on S2, bright blue, then click on 16,
 - 13-4: to set E2 at 21:00, click first on E2, bright blue, then click on 21,
 - 13-5: to set C at 23:00, click first on C, bright red, then click on 23,
 - 13-6: to set R at 06:00, click first on R, bright green, then click on 06,
- 14- that is all. Do I miss anything!

a) Normal – Single period

Allow trading for some period of time during the day, say: b/w **08:00 to 17:00** ??



The period b/w 08 and 17 will be brown colors--other are black colors-- now trading is allowed in this period 08.00-->17:00 during the day.



b) Double – 2 periods

there is a possibility for second trading period -- S2---E2 do this

follow the same procedure:

click on **S2**, then on **19**

then

click on **E2**, then on **23**

second period will be b/w 19:00 and 23:00

c) Whole Day trading (Default)

Whole Day trading:

if you to allow trading for the whole day--default
click on S1 then -1 then E1 then 25

that mean allow trading b/w hour -1 to hour 25 (out of mind)

or

click on S2 then -1 then E2 then 25

d) Next Day trading (Overnight)

#Post 1071

Sawadee: How to set timer for the trading period of 21:00 to 04:00 +1 (night day)

#Post 1073

We do not agree to ask tough question that i do not know how to answer it?
Iam realy lucky when i put two periods.

please try:

S1=-1

E1=4

S2=21

E2=25

are boxes 21--->4 are brown??

do you know why -1 and 25!

expert sense hours regardless of the days

e) Reference Hour

re: 59,976.51 USD Profit/Loss: -7,827.08 Equity: 52,149.43 Margin: 9,474.72 Free margin: 42,674.71 Margin level: 550.41%

Mohammed Safar Al-Otaibi EquitiGroup-Demo Edit

Hour_07 7 Millionaire Expert (MUDARRAJ) 09:23:52 08:23:52 52 Terminal

PV	PATH	-1	MY	28	EUR	GBP	AUD	NZD	USD	CAD	CHF	JPY	SEC	CNH	CZK	DKK	HKD	HUF	MXN	NOK	PLN	RUB	SEK	SGD						
Pg-3	Pg-4	Pg-5	Pg-6	Pg-7	Pg-8	Pg-9	7	ZEROS	1	2.5	5	10	25	50	100	250														
TRADING	-1	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	C	R	S

P225Roll NR BL_003_0025369.50_00

B	LB	#B	DS	M
.00	109.00	41	-14.00	-26
.74	20.00	15	0.74	-7.
.25	16.00	13	-6.00	-12
.00	56.00	28	30.00	-15

Macd-rsi

if you want to reference prices at some specific hour
click on **R** then click on that hour let us say **07:00**

reference hour box is green (actually lime)

24-HOURS-TRADING box

iam is to allow trading for 24 hours, cancel S1,S2,E1,E2 values,

32- Forex Basic Math Rules

33- Mathematical Calculation Boxes



1) TPV (Total Pip Value -> Risk Sensor)



TPV box: to prevent/allow math calc for risk bar only.

Reason: make expert a little bit slower if ON.

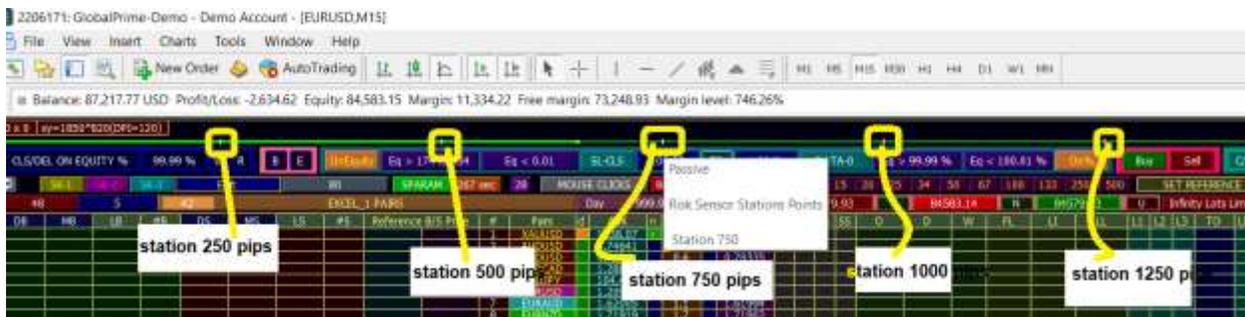
Recommendation: use it when necessary.

ME: I use it all the time.

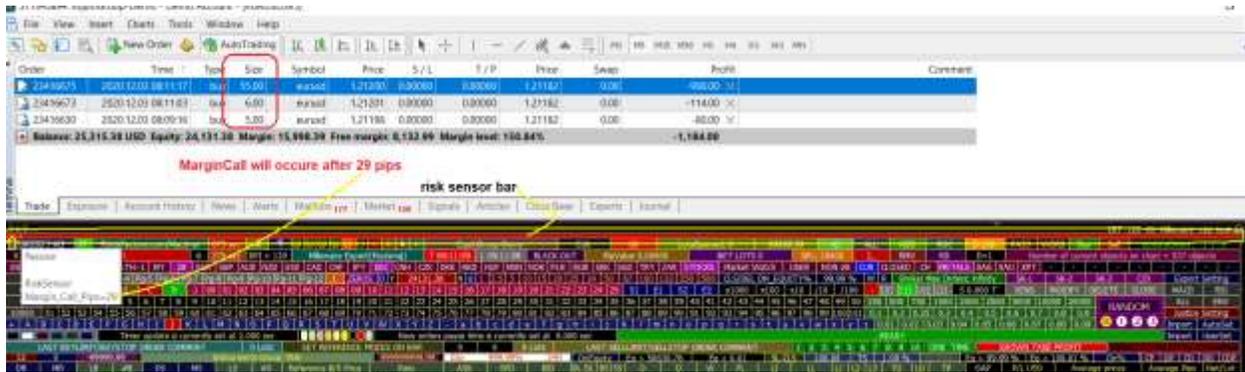
Feature: it is very responsive for new orders--show immediate effect. try to enter manually 10 lots and observe **immediate** response on bar.

Updated:

#Post 2368



#Post 1863

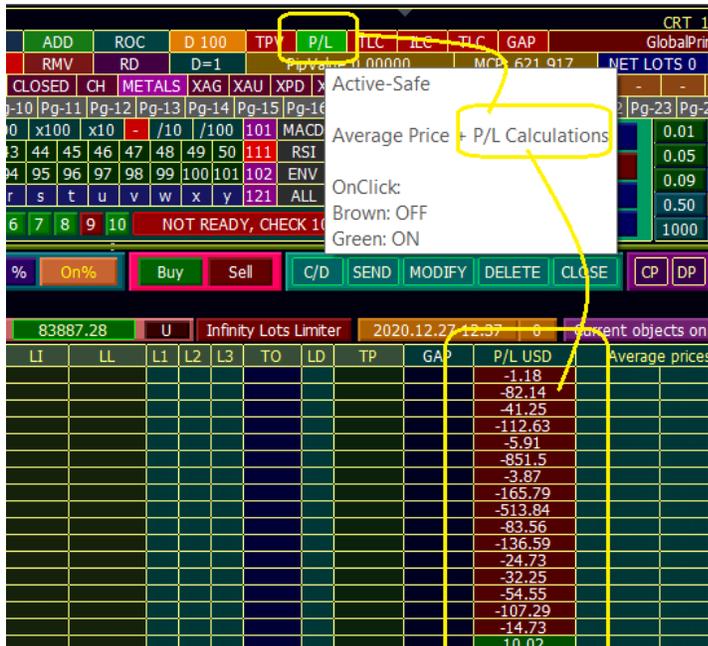


Risk-Sensor has been added
when margin call > 2000 pips---Black BAR
when margin call > 1000 pips---Green BAR
when margin call > 5000 pips---Orange BAR
when margin call > 1000 pips---Brown BAR
when margin call < 1000 pips---RED BAR
when margin call > 2000 pips---Black BAR

Complete bar = 2000 pips
so small bar shows exactly where is the margin call related to 2000 pips

below small box = box width is 29 pips (here look at the scale on **pips** instead of pixel) -- imagine it!!

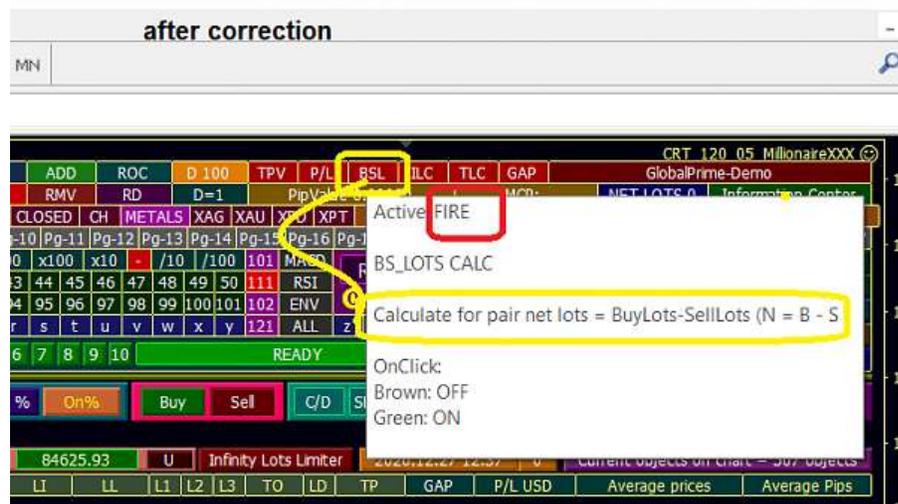
2) P/L



avgP box: Show values on P/_USD Columns.
Reason: may make expert a little bit slower if ON.
Recommendation: use it when necessary.
ME: I use it all the time.
Feature: if you deactivate, the last values before deactivation will remain in the column.

Hints: Box title will be changed from avgP to P/L.
current version:

3) BSL - Buy-Sell Lots (Active-Fire)



BSL box: Calculate the net lots for each pair on the dashboard. (**FIRE** box)

Reason: may make expert a little bit slower if ON.

Recommendation: use it when you understand its role.

ME: I use it sometimes.

Feature: assume your free margin is negative, and you have 5 lots buy on EURUSD, and now a new SELL entry. what should the expert do? depends on you, since you can hedge EURUSD up to 5 lots SELL, you can enter SELL even if margin is negative or most of the brokers.

Hints: Box title will be changed from **TLC** to **BSL**. + it is fire box. fire = related to online trading

4) ILP – Immediate NetLot and PipValue Calculations



ILP box: it is a script, not expert. calculate all account netLots and total pipValue upon request.

Reason: may make expert a little bit slower if ON.

Recommendation: No recommendation, it is jst a script.

ME: I use it upon my desire.

Feature: none.

Hints: Box title will be changed from **ILC** to **ILP**.

5) APP – Average Prices/ Pips



The screenshot shows a trading dashboard with various panels. The 'APP' box is highlighted with a yellow circle. A yellow arrow points from the 'APP' box to a table of average prices and pips. The table has columns for 'LD', 'TP', 'GAP', 'P/L USD', 'Average prices', and 'Average Pips'. The table contains 15 rows of data.

LD	TP	GAP	P/L USD	Average prices	Average Pips
				24.044	-2.5
				30115.60	-1.80
				12361.62	-1.76
				13348.00	-0.25
				26763.00	-12.50
				26429.25	-8.75
				6675.90	-4.80
				5559.90	-0.95
				8238.25	-9.25
				3534.05	-0.40
				16702.07	-7.00
				1836.33	-0.48
				46.337	-1.8
				49.568	-2.3
				0.74930	-1.0
				0.70444	-1.8
				1.27833	-2.1
				104.463	-1.8

APP box: calculate for average Prices in both directions separately, and calculate profit or loss in pips for each pair on dashboard.

Reason: may make expert a little bit slower if ON.

Recommendation: upto you--it is not affecting online trading in any way. it is just a calculation.

ME: I use it sometimes especially under "SHOW_ALL" box.

Feature: knowing average prices for huge number of orders, make your trading conception better.

Hints: Box title will be changed from **TLC** to **APP**.

6) GAP



GAP box: Show difference b/w MS and MB, which is actually the extreme range since your last click on any one of referencing prices boxes, or auto referencing.

Reason: may make expert a little bit slower if ON.

Recommendation: no recommendation, you decide.

ME: I use it sometimes.

Feature: Know the range since referencing.

Hints: values are shown the **absolute** value, since it is a mere distance.

34- Technical Indicators

#Post 139

How to use this expert in effective way! ?

Ans: 50% depends on you -- 50% depends on expert.

Let us assume you like **envelope** indicator-the strongest indicator in my opinion - other like RSI overbought/oversold

third trader like MACD -- opposite cross as a sign of overbought/oversold

4th trader like S/R

+ SAR indicator, AO indicator , etc

This expert help you to absorb market anger, or unexpected movements as much as possible -- TRADE THE ANGER!

convert this anger to profits- like it.

if there is a MACD opportunity and at single trade enter buy 2.5 lot and put StopLoss! you are just a beginner! or an ordinary trader at your best level

do it in clever way!divided it to 10 to 250 positions! expert save time at this point! it is not a matter of "averaging", it is a matter of fracturing main lot to tiny lots to absorb market anger as much as possible!

#Post 94

This is not a part of expert work--it is just an **alert** of some technical analysis--
regrading **MACD** and **RSI**

i have added THEM to expert upon request of one of my intimate friends! it may help you more in
taking right decisions!

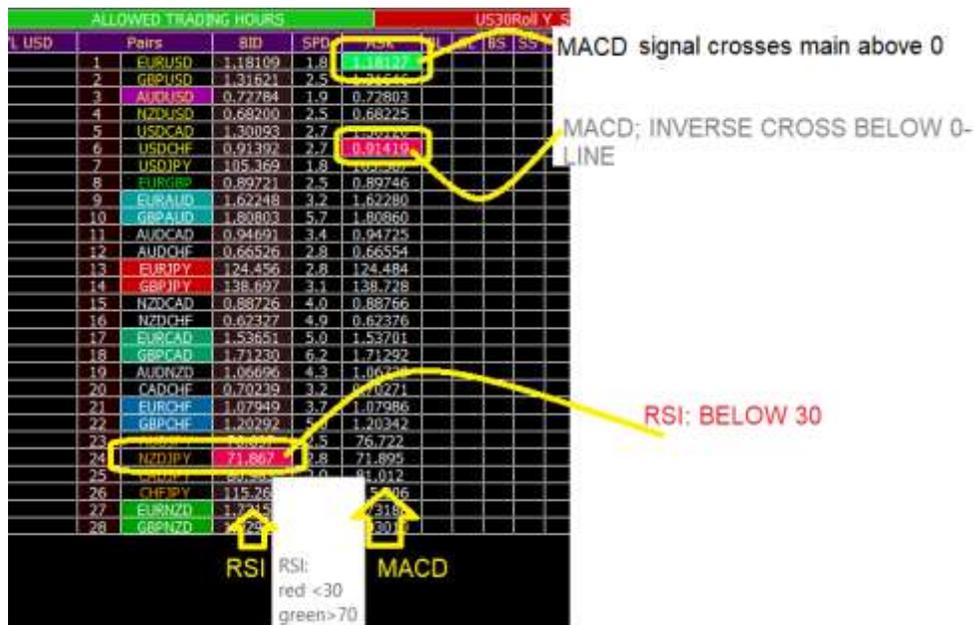
again it will not affect expert work--it is just an **alert**. look at it as "state of watchful eyes for
possible MACD or RSI crosses"

these two indicators **are hidden** under BID and ASK prices on dashboard.

BID: help in watching RSI status

ASK price; help in watching MACD status

****Do not forget-** the RSI/MACD **frame** according to chart frame we attach expert to.
if you change frame, colors will change



This expert now tell us three things:

EURUSD MACD: inverse cross above 0

USDCHF MACD: inverse cross below 0

NZDJPY RSI: now above 70 level

let us check it in real live.

open thier charts - then apply MACD or RSI

====

inverse cross mean: signal cross main---not main cross signal

if above 0 -- cross up

if below 0 - cross down

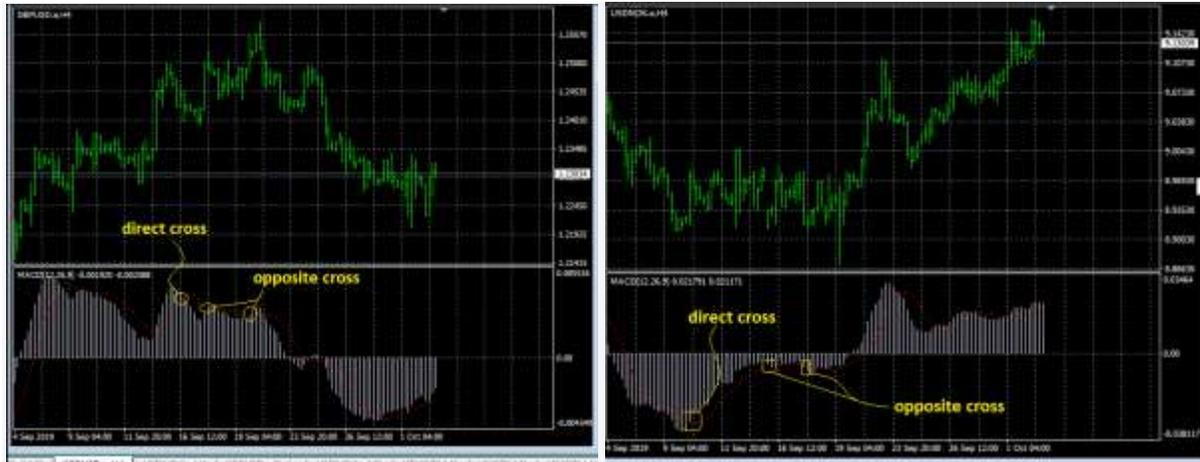
1) Detailed Explanation for Macd and RSI

<https://www.forexfactory.com/thread/952162-macd-and-rsi-opposite-crosses>

Trading System:

we count for *the number of crosses*, when it reaches 3 or above, we take a position in the opposite direction.
the opposite cross usually happen after sudden expulsive move.

a) MACD Concept



For Macd,

- When the **signal** line crosses the **main** histogram up above 0 level, it is an **opposite cross**,
- When the **signal** line crosses the **main** histogram down under 0 level, it is an **opposite cross**,





the chance of this day was on AUDUSD, H1
 since entry on H1, exit must be on H1, (Target: Always direct cross in other bank)

b) RSI Concept



For RSI,

- When the **indicator** line crosses the 70-level **up**, it is an **opposite cross**,
- When the **indicator** line crosses the 30-level **down**, it is an **opposite cross**,



FILTER

when to avoid using counter=3 ??

special case:

-- if RSI, for 3rd time crosses 70 up, we should take sell position, unless that is associated with a break up of **previous strong resistance**.

in this case we wait counter = 4

3) Indicator Alerts

a) MACD Alert (BID Box)



if **Ask** color is Green: Macd *signal* crosses macd **main up above** 0-axis -> Sell Limit
if **Ask** color is Red: Macd *signal* crosses macd **main down under** 0-axis -> Buy Limit

b) RSI Alert (ASK box)



if **Bid** color is Green: RSI above 70 -> Sell Limit

if **Bid** color is Red: RSI below 30 -> Buy Limit

c) MACD/ RSI Shift button

Default changed to Shift = 0 latest #Post 342

Shift = 0 >> Current Candle

Shift = 1 >> MACD/ RSI previous day candle

Shift = 2 >> MACD/ RSI 2 days ago candle

MB	LB	NO ORDERS	OL	SET REFERENCE PRICES ON BAR
				P/L USD Pairs BID SPD ASK
				1 EURUSD 1.18115 2.2 1.18337
				2 GBPUSD 1.31983 2.8 1.32011
				3 AUDUSD 0.72688 1.8 0.72698
				4 NZDUSD 0.68462 2.6 0.68488
				5 USDCAD 1.31340 5.3 1.31383
				6 USDSCHF 0.91252 4 0.91276
				7 USDBPY 104.604 1 104.622
				8 EURGBP 0.89631 3.0 0.89661
				9 EURAUD 1.62764 3.9 1.62803
				10 GBPAUD 1.81551 7.1 1.81622
				11 AUDCAD 0.95453 6.4 0.95517
				12 AUDCHF 0.66323 3.4 0.66357
				13 EURBYP 123.771 2.9 123.800
				14 NZCUSD 1.38088 8 1.38108
				15 NZDCAD 0.89912 5 0.89927
				16 NZDCHF 0.83388 7.1 0.83519
				17 EURCAD 1.55398 7.5 1.5547
				18 EURAUD 1.73330 10.7 1.7343

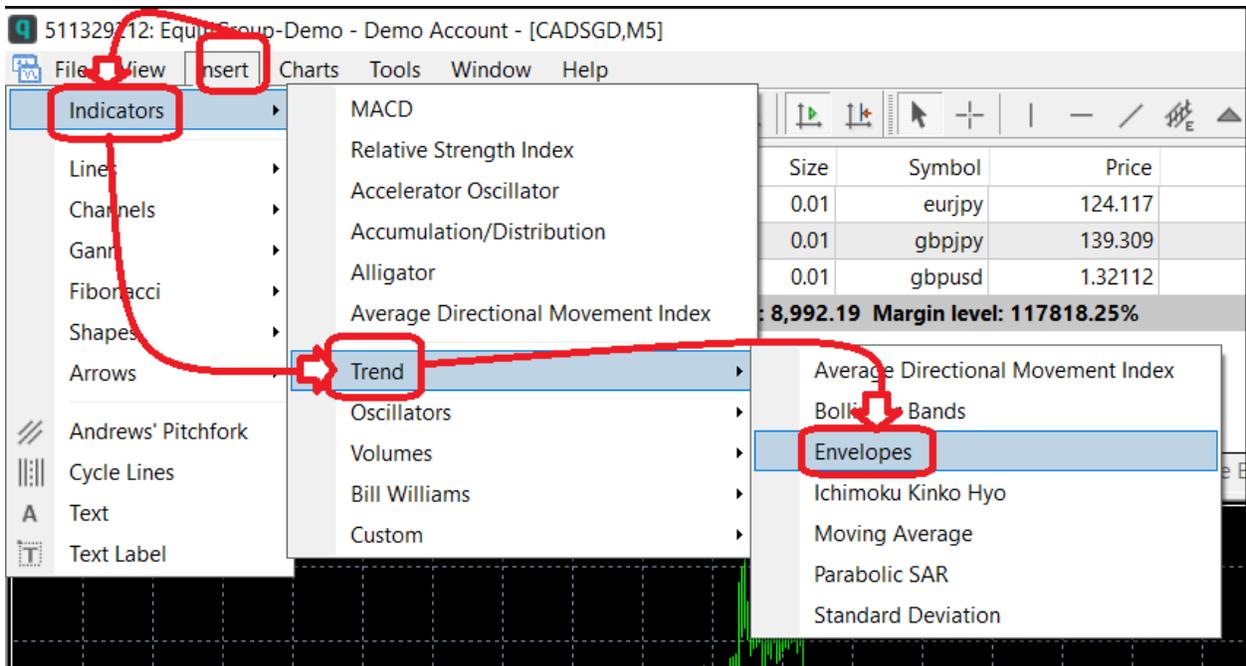


RSI SHIFT BOX,

how to change shift value??

we have mentioned that Bid prices **columns**, thier **background** color shows RSI states for being crossing resently 70 or 30, up and down respectively.

when you apply expert, the shift default value is "0"





Envelopes 7 x

Parameters Colors Levels Visualization

Period: 14 Shift: 0

MA method: Simple

Apply to: Low

Deviation: 2.00

Close
 Open
 High
 Low
 Median Price (HLG)
 Typical Price (HLCO)
 Weighted Close (HLCCW)

1.78034
1.77144
1.76253

Indicators on GBPAUD:Daily

Indicator	Size	Symbol
BE_ENV	0.01	eurjpy
	0.01	gbpjpy
	0.01	gbpurd

Custom Indicator: BE_ENV

About Common Inputs Colors Visualization

Variable	Value
percentage	2
period	14

Envelopes 7 x

Parameters Colors Levels Visualization

Period: 14 Shift: 0

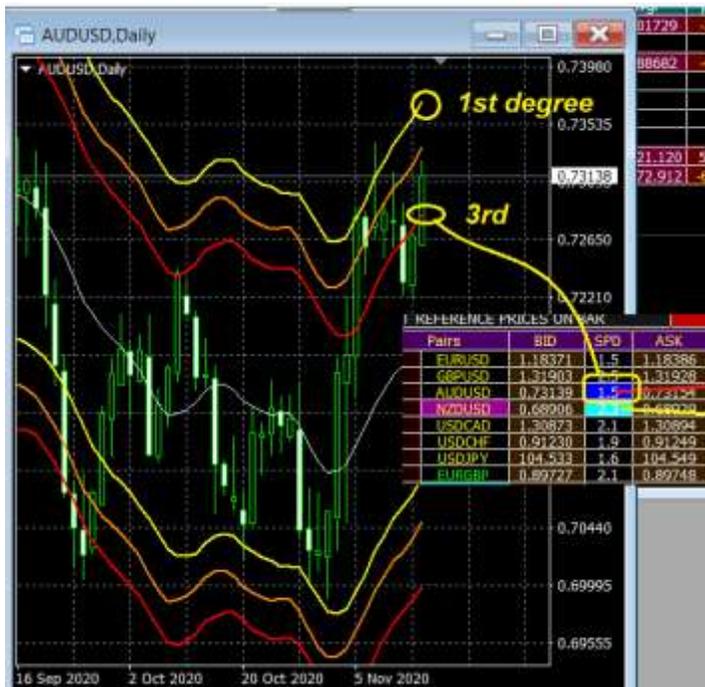
MA method: Simple

Apply to: Low

Deviation: 2.00

EXTERNAL VARIABLES

#Post 532



please read much about **Envelope** Indicator, explained in first pages:
i never use somewhat danger setting unless **Envelope** is **1st degree** (very strong price you can start grading from)

if **E101** or **E100** are commercial products, do not be doubt monthly fees will not be less than 1,000
you know how to go to the right side of the heart.
the left side of the heart is **F-1** indicator

E101-E11 already explained from theory side if you remember my gift about ENVELOPE 3-MODES.
it reflect the possible 6 cases, as explained 3 weeks ago. self learning--this enough 😊

on daily basis i look at E101-E100 and F-1



35- Thread General Gifts

1) EquityRecorder

Equity_Curve_Each_Bar.mq4

Equity_Curve_Each_Tick.mq4



- **RED** curve: Max equity on all the period since attaching indicator to chart
- **LIME** curve--minimum equity all the time since attaching indicator to chart
- **AQUA** curve -- starting equity since attaching indicator to chart
- **YELLOW** curve: MAXIMUM equity during specific bar
- **ORANGE** curve: MINIMUM equity during specific bar

2) DPI detector Expert

3) Spread Tracer Expert

4) History Data Automatic download Expert

YOUR SCREEN **DPI** HAD BETTER BE **120**

=====

1 - How to select symbols group. (for example EUR pairs only)

2- How to dermine number of trials, for specific pair with specific time frame

the best time to use this expert is during vacations, or when you sleep. (non-trading hours)

just 4 clicks within 2 sec then go play football for 15 min then come back:

you need at max 50 bars for each pair for each frame

so $50 * 28 \text{ pairs} * 9 \text{ frames} = \text{about } 1400$

expert download 800 bars each 1 second! if you compress the chart fist, with disable of autoscroll and autohfit

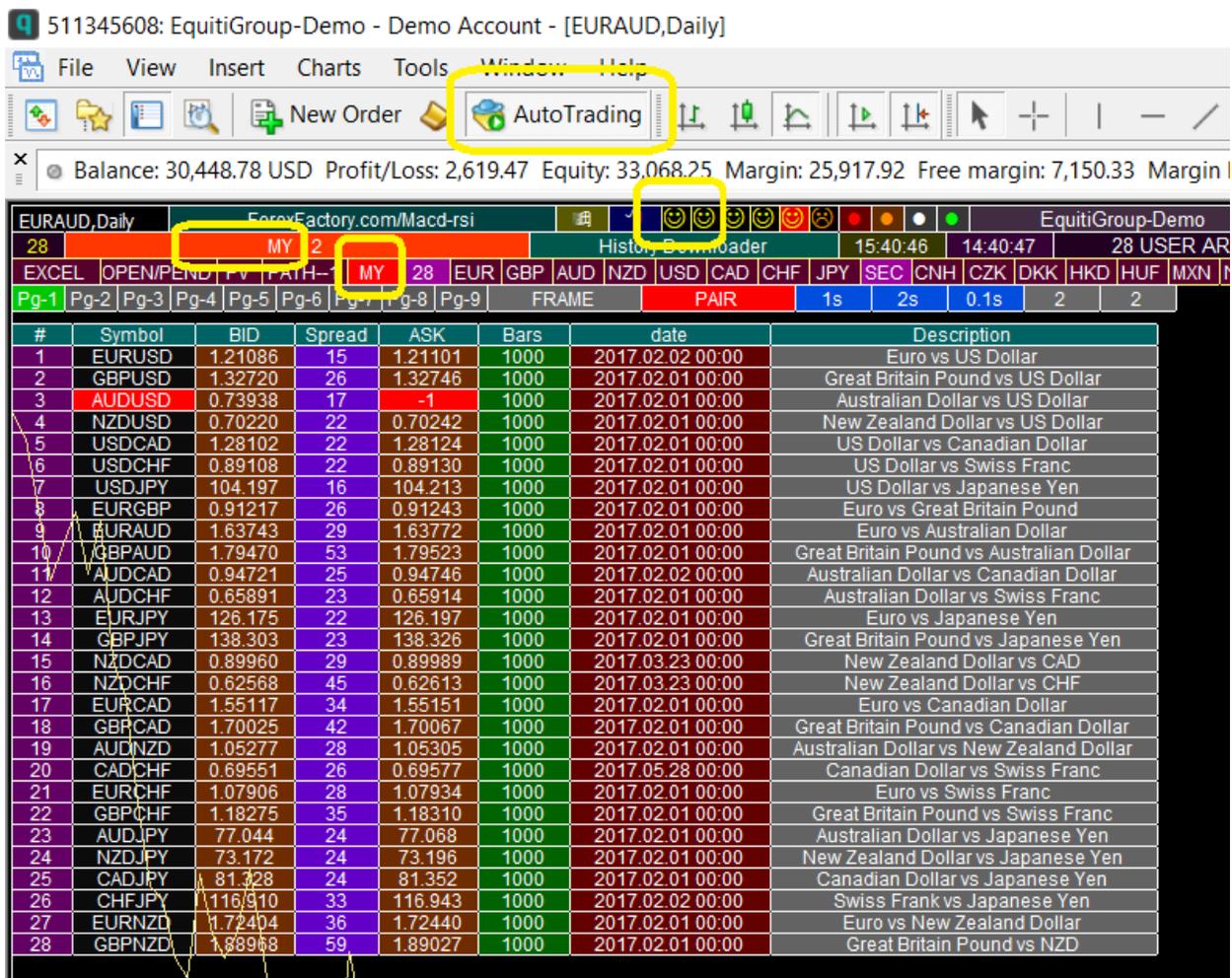
be sure autotrading is enables

if you want to stop temprarily make auto trading OFF

if you want to appeal make it ON again

of want to download more bars--say 50000 bar, later on--but now you need at least 26 pars.

also before using TeckExpert--- this expert at least one time must be used



5) Envelope 3-modes Indicator

36- Thread Special Gifts for influential contributors

Technical Analysis-Indicator:

- in less than one second you know MACD cross for all pairs!
- in less than one second you know RSI for all pairs!
- in less than one second you know SAR for all pairs!
- in less than one second you know S/R for all pairs!
- in less than one second you know AO cross for all pairs!
- in less than one second you know ENVELOP for all pairs!
- in less than one second you know PRICE ACTION for all pairs!

plus more than 50 ideas there

- we use **TechExpert** to pick chances
- we use **Millionaire** expert to enter these chances
- we use later display click to **OBSERVE** all math-related issues to check what is happening with open chance

PICK-----> ENTER -----> OBSERVE

- 1) Technical Analysis Expert
- 2) DisplayClick Expert

37- Risk Design Equations

<https://www.forexfactory.com/thread/1018689-all-in-all-my-experience>

To trade well:

- 1- you should know symbols
- 2- you should know forex math basic rules
- 3- you should know how to pick up the best available broker
- 4- you should master technical analysis
- 5- you show experience as much as possible technical analysis "news events"
- 6- you should acquaint what is going in the world

A- Symbols used:

YYY: Base currency

XXX: Quote currency

DDD: Dominating or your account currency.

ZZZ: (non-currency instrument value, like gold, oil, indicators, stocks, etc..) value

CZ: 1 lot contract size

R: Leverage

S: Stop-out-level

B: your balance or equity

M: Reserved Margin

I: inverse pips

Ip: profit pips

Lots: given or calculated lots

SP: Spread

P/L: Profit/Loss of your single position

Pe: Entry price

Pi: exit price

d: price digits after decimal

r: number of digits deleted from digits after decimal

hence:

1- for currencies ZZZ=YYY, therefore **ZZZYYY = 1**

2- for non-currency instruments, YYY=XXX, therefore **YYYXXX=1**

B-Math Rules:

1) B-1: Basic Rules

قانون حساب المارجن M

$$M = \frac{CZ}{R} * ZZZYYY * YYDDD * Lots$$

قانون حساب قيمة النقطة

$$pipValue = \frac{CZ}{10^{d-r}} * XXXDDD * Lots$$

قانون حساب الربح او الخسارة بمعرفة النقاط

$$P/L = \frac{CZ}{10^{d-r}} * XXXDDD * Lots * I_p$$

قانون حساب الربح او الخسارة بمعرفة الفرق السعري

$$P/L = CZ * XXXDDD * (Pe - Pi) * Lots$$

a) Margin example: M

#Post 769

assume I have an account with only 300 USD.

I decided to enter either GBPUSD or USDCHF---- with 0.27 Lots??

what is the reserved margin in each case?

will be proved **1)** using paper and pin---then through **2)** demo account:

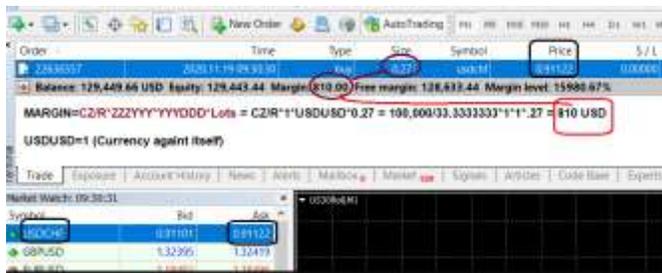
GBPUSD R = 500:1

USDCHF R = 33.33333333333333:1 😊

for USD CHF calculation first proved that 300 USD not adequate for 0.27 lot
0.27 lot needs 810 USD -- to avoid "inadequate money"

so i go to big account to prove number through practise (math = real practise = 810 USD min req to be able to open 0.27 lot on USDCHF!)

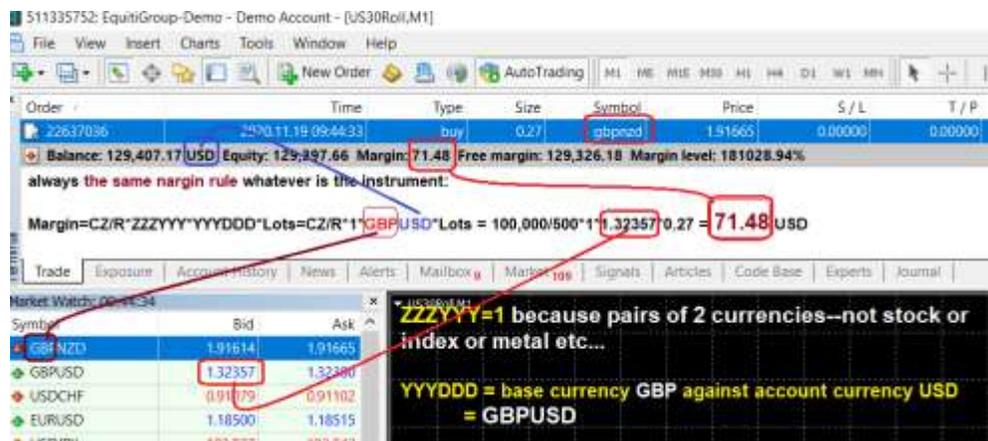
Look at picture:



but look for GBPNZD: Margin for 0.27 is less much than 300 USD! it is 71 USD

is that clear??

Math proof on picture



#Post 2136

How to calculate the Reserved Margin for any instrument, currencies, metals, indices, stocks etc..

Always the same rule--unique unique unique unique unique unique--any other rule is stupid people rule, concentrate on colors:

Swaddee: my account currency is **JPY**,,, I want to enter **GBPNZD** with **3.23** lots, my leverage is **100:1** -- what is the reserved Margin?

-----Skat: my account currency is **USD**,, I want to enter **GBPNZD** with **3.23** lots, my leverage is **100:1** -- what is the reserved Margin?

--zorafx: my account currency is **EUR**,, I want to enter **GBPNZD** with **3.23** lots, my leverage is **100:1** -- what is the reserved Margin?

All three use the same rule:

$$\text{ReservedMargin} = CS/R * ZZZYYY * YYYDDD * \text{Lots}$$

Swaddee ReservedMargin = $CS/R * ZZZYYY * YYYDDD * \text{Lots} = 100,000/100 * 1 * \text{GBPJPY} * 3.23 = \dots$ (in Yen)

-----**Skat** ReservedMargin = $CS/R * ZZZYYY * YYYDDD * \text{Lots} = 100,000/100 * 1 * \text{GBPUSD} * 3.23 = \dots$ (in US dollar)

--**zorafx** ReservedMargin = $CS/R * ZZZYYY * YYYDDD * \text{Lots} = 100,000/100 * 1 * \text{GBPEUR} * 3.23 = 100,000/100 * 1 * (1/\text{EURGBP}) * 3.23 = \dots$ (in EURO)

zorax can **NOT** find in his termianl pair named GBPEUR!! he finds its reciprocal EURGBP.

Look all three use the same rule

CS: Contract size for currencies = 100,000 unit

for currencies ZZZYYY=1

YYYDDD: is **base** currency YYY in the pair against **your account currency** DDD.

2) B-2: Lots Rule

B-2: Lots rules

قانون حساب اللوات بمعرفة نقاط الأمان

$$\text{Lots} = \frac{B}{S * \frac{CZ}{R} * ZZZYYY * YYYDDD + 1 * \frac{CZ}{10^{d-r}} * XXXDDD}$$

قانون حساب اللوات للفل مارجين

$$\text{Lots} = \frac{B}{\frac{CZ}{R} * ZZZYYY * YYYDDD}$$

قانون حساب لوات التهديج على الفل مارجين

$$\text{Lots} = \frac{2B - \frac{R * B}{10^{d-r}} * SP}{\frac{CZ}{R} * ZZZYYY * YYYDDD}$$

قانون حساب لوات التهديج لضمان نقاط التعاض معونة بعد التداول

$$\text{Lots2} = \frac{B * (1 - S - \frac{R}{10^{d-r}} * ZZZXXX)}{\frac{CZ}{10^{d-r}} * XXXDDD * (1 + SP) + S * \frac{CZ}{R} * ZZZYYY * YYYDDD}$$

3) B-3: Inverse Pips (I)/ Profit Pips (IP) Rules

قانون معرفة نقاط الانعكاس I بمعرفة اللوات

$$I = \frac{B - S * \frac{CZ}{R} * ZZZYYY * YYDDD * Lots}{\frac{CZ}{10^{d-r}} * XXXDDD * Lots}$$

قانون معرفة نقاط الانعكاس I للفل مارجن

$$I = (1 - S) * \frac{10^{d-r}}{R} * ZZZXXX$$

قانون معرفة نقاط مضاعفة الربح Ip للفل مارجن بمعرفة نقاط الانعكاس I

$$Ip = I + S * \frac{10^{d-r}}{R} * ZZZXXX$$

قانون معرفة نقاط نسبة ربح معين P بمعرفة اللوات

$$Ip = \frac{P * B}{\frac{CZ}{10^{d-r}} * XXXDDD * Lots}$$

4) B-4: Other Rules

قانون معرفة خسارة السبريد في حالة الفل مارجن

$$Loss = \frac{R * B}{10^{d-r} * ZZZXXX} * SP$$

قانون حساب المتوسط السعري لصفقات أي أداة مالية

$$avgPrice = \frac{\sum_{i=1}^{nB} PriceB_i * LotB_i - \sum_{i=1}^{nS} PriceS_i * LotsS_i}{\sum_{i=1}^{nB} LotB_i - \sum_{i=1}^{nS} LotS_i}$$

5) Other Risk Related Posts

#Post 2064

Meister81

Thank you! 😊 My question is about the leverage, probably it affects more people. My broker offers a leverage of 1.100. Could you propose a "safe" setting for this situation for a 18.000 € account?

I suggested the following settings which you found acceptable (would that be ok for 1:100, too or should I change something?):

BL, SL on
O, D = 50 and 67 for GBP pairs
FL, LI = 0.02
LL = 5
L1, L2, L3 = 1
TO = 20
LD = 5
TP = 85

Macd-Rsi

this math problem brother,
tell upon your last years in market: forecast who many orders will be executed? -- just estimation for two weeks--calculate on worst case of course
worst case is -- all 28 pairs go in one direction - say $300 * \text{PairPrice}$ pips
then upon O and D you can estimate total orders for each pair, and subsequently associated lots--then use **unique** rule for margin

Margin = $CS/R * ZZZYYY * YYYDDD * \text{Lots}$.

it is a math problem.

ask your self what is the max lot possible for 18,000 EUR----Leverage 100:1

the rough rule is very simple: (rough due to pairs differ in prices -- then in their RMargin)
here will assume pair $YYYXXX$ with price 1.00000
 $\text{MaxLots} = 18,000 / (R) = 18,000 / 100 = 180 \text{ Lots}$

if your forecast much less than 180---- 100% setting is profitable

for all these question: honest answer--study math to accurately get the correct decision and know consequences in advance

TP=85 for save setting---very very very stupid take profit 😊 -- really i can not tolerate it
it should be say 150 at least $* \text{Pair Price}$
from now and on use the language of TP = 300 or 200 or 500 pips! if you choose save setting
this is the correct behavior of wise traders "normal people"

it is not a complex math

it is only $* + - /$

look at prev equations---no since, no cosine, no integrals, no Bessel 😊 equatios

you have 18,000 ---> then your account at worst agressive entry accpet 180 lot for pair YYYYXX, With price 1.0000
most prices a little bit above one

theredore let us say your account can tolerate upro 150 lot.

now:

now almost within 2 weeks 6 orders per pair
then lot : $0.02+0.02+0.02+0.02+0.02+0.04 = 0.14$

0.14 for 28 pairs = $0.14*(20+8) = 20*0.14+8*0.14 = 2.8+0.12 =$ around 3 lots

3 lots compared to 150 lots- are very very very very save

now **does it give good profits??**

lest us say they reach on average halve of TPs -- some profit - some loss -- but average is +150 pips

$150*3*10 = 150*30 = 4500$ EUR

It is sensible profit--you can feel it in your life

38- Extra Settings by Macd-RSI

You find some of the settings discussed in this forum

1) Macd-RSI settings

#Post 228

Tommorow **three** tests

الله انشاء

will be

1---- O=D=2.50 pips-----TP=**25**----very risky-like today

2---- O=D=5.00 pips-----TP=**25**----moderate risky

3---- O=D=25.0 pips-----TP=**50**----save

i am sure you will be better than me if you practise as much as possible next 5 months

#Post 282

my answer yes, even for **1-orange**

yesterday **one orange** get 400% - but since it is risky, trader should not wait

today there are three tests on three accounts, observe it

but save trading with guarantte profit: select setting of 100 pip, or 75 at mininum with waiting at least **two weeks**.

2 weeks = apply now and do not change anything --i expect after 2 weeks profits of 50%

here i speak about 28 pairs--trade then all, they carry each other, in both direction == do not think technically--let market do it!

#Post 351

what is your O and D?

For 10K, 0.05 lot, assume you are using 101-config (unified lots) depend on your O and D?

case:

if all sell and buy pending executed that mean risk=0; net lots =0 -- assume no take profit

but let us assume your O=D=1 pip, and all pairs goes in one direction for 100 pips

then total lots = totalOrders*0.05lot*28pair = 100 *0.05*28 = 5*28 = 140 lot---too much for 10K,

Then for patient for one week i recommend to use setting b/w 15 to 35 pips but with TP at least 150 pips

#Post 365

Baole post

Yes, I left it with the default setting with O=D=100, and TP: 100, as you said, I was suspecting that it would yield a break even or minor loss/drawdown with this. Will adjust the setting when the market open to see if everything works out well.

In regard to the number of orders, it was 100 orders. The EA open pending orders follow the order on the pair list, from bottom up. with 20x4 types for GBP/NZD, and 20 BL for EUR/NZD. I guess other pairs will be placed once all of these orders are filled.

Is there anyway that we can test this EA during off market hours? say the weekend, like strategy tester on MT4 to speed up the learning and experimenting process?

Cheers

Macd-RSI replied

O=D=100 is very safe

in this case I suggest TP to be at least 250 to 350 pips

it is guaranteed, and profit 100% success, do not be in doubt

just need patience for 2 weeks to 1 month

#Post 656

Baole: Yes, I only trade your 28 MY pairs, as with a small account 10k (which is my standard real account also) I don't want to risk trading so many pairs. this 28 would be sufficient enough for diversification and so far, a reasonable risk amount for my day trade

Macd-Rsi: my repeated tests on these 28 pairs, with O=D=67 pips, TP=250, FL=LI=0.01, Ladder=3, for period of 2 to 3 weeks, on account of 2K, may give 30 to 70%
do you realize that "TP=250"-- = patience until you absorb market anger and market happiness!

#Post 663

this is **my safe setting for 2K-- 67**-calibrated pips, as explained in detail yesterday

O=D=**67***pairPrice (for justice 😊)

why EURUSD O=D=79.5 pips ??

67*1.18777 = 79.5

67 mapped on price! (calibrated on price)

TP = 250 CALIBRATED

it is fair and good practise if you make **EURUSD** 79, to make **AUDSUD** 48 pips

79 = 48 = 67 😊 how? ans: equal in speed of placing orders!!

#Post 861

for his **semi-hedging type** I recommend:

1-15 to 35 TP

2- **REPETITION MODE**, to repeat close orders

3- by simple logic at needs ample time at least two day

but anyway, semihedge process not recommended!

each time you add spread loss--and no way to profit till positions repeat itself --if that happened

#Post 1,397

Or use BS, SS----TRENDY TYPES 😊

and the most clever trader use only either BS or SS----one of them and wait for one week

#Post 1706

this question has been answered all the time "YOU"

expert is a tool, **not human**

actually no expert here

O=D for very very quick instruments like INDICES save setting should be above O=D=100, for unexperienced people.

i mention very important thing three weeks ago. "**in electricy the holy number is frequncy =60 HZ**"--This is the most important statemnt in the thread.

if we put your name instead of "electricity" word, what is your holy number that you can tolerate? a number that take into consideration all "YOU"--- your knowledge, your experience, your psychologies, etc..

for example both of us have 10,000 USD. We all decided to engage in EURUSD buy, i can tolerate to 5 lots at max? what about you? 2,5 lots?

my holy number is 200-----10,000/5lots/10 pips = 200 --- risk on marginCall occurs after 200 pips,

but for any bigger the holy-risk number must be at least 2000 pips tolerance.

forget stupid things like ratio 1:2 <----- this for who can not learn.

#Post 1707

if you want to guarantee this 7% permanently, (say 7% each week, 14% each month) use mush saver setting.

For example $O=D=67$ and wait for complete month, profit almost is guaranteed 100% but use higher TP, Let us say 250 pips*pairPrice

market know direction if we do not know

also you can contribute here effectively

look at sawadee and skat post. **they can confidently say 15% of this expert is ours.**

I **don not know if they are both good traders or not**, but i am sure their posts here has great effect on my improvements. and their future trading will be better

may i open their eyes to many different things going around, like math concise rules

welcome brother WiPackFan all the time and study forex math 😊
math is the mind nutrients

#Post 1717

lot for $O=D=25$, Valid for accounts **with 50,000 USD** and above-very save if you will **exit in less than 2 weeks**(if it continues for ever--just imagine if pairs go in one direction 700 pips!)

better rule for 28-pairs, 1 lot for each 1,000,000 if use 28 pairs, with setting $O=D>34$

==> **0.01 for 10,000**, for the person who want to sleep and need guaranteed profit,-- expected reward is **at least 30% monthly**, but please with **$TP \geq 125$ to $250 * \text{pairPrice}$**

in our case you do not need any strategy tester, just open any chart then imagine your ref prices at specific time, what happen later??

if you focus for example on MACD-cross, this may give you pure chances. market is moving, in this case use 25 or even 15, and wait.

#Post 1807 and 1808

now brother, since you have VBS

- 1- Select 28 pairs (leverage for all must be 400:1 or higher)--if CHF pairs 30:1--cancel them
- 2- select Orange 50-----O=D=50; but with applying justice 😊 rules-----
- 3-then click on justice rule then on dammy 100 then on TP box
- 4--click on refPrices box

that all

do all this when account on VBS

if possible please uploaded here as TE under your name--name it "MExpert"

steps on picture:

look at **11** steps - i do it all in 3 seconds

In near future you will do it in 2 seconds.

ignore step #9 and # 10 if CHF's leverages are high

"justice" then Orange **"50"** then**"justice"** then **"100"** then **"TP"**



Step#2: guarantee first sparam box is **BLACK** (NOT RED)

Before you click on **"MY"** --sparam box must be **RED**--STEP#0 😊

#Post 1844

Sjust2fast

And another question.

If i use safe settings (lot = 0.01, O/D = 10, and TP = 20) NOT SAFE, do you recommend to add new reference prices every day?

Macd

is these save setting?

😊 this fatal (not vital 😊) setting unless account is 7,000 or more

depend on volatilty degree of pairs chosen

but as a general rule, for each 1,000,000 USD, for the 28 pairs, with O=D=50*pairPrice ---use 1.00 lot

therefore for 10,000--->0.01 lot

therefore for 5,000 --->0.01 but for 14 pairs instead of 28

therefore and son on

any way pleeeeeeeeeee burn at least 5 demo account each day unintentionally--untill you see the "FACTS"

do not test expert--test your setting

this morning i **reject** post of SkoOt about testing--**test what??**

a lot has misconception

this expert is 100% perfect tool, but not trading decission maker

it makes your live easier

#Post 1849

Meister81

Thank you! 😊 And of course thank you very much for this great EA and your time! 😊 Just a short question. I want to give it a try on a 18.000 € account.

My settings (without GBP pairs because of Brexit, so 22 pairs in total):

BL, SL on
O, D = 34
FL, LI = 0.02
LL = 5
L1, L2, L3 = 1
TO = 20
LD = 5
TP = 100

Do you think that this is a "safe" setting for about 30-70 % a month or would you change anything?
Thank you!

Macd-Rsi

welcome
acceptable
i recommend to add GBP pairs with setting O=D=67
and other pairs O=D=50
This why i add 6

Meister81

So I will add GBP pairs with O=D= 67, too. Would you run the EA over the weekend or close the orders on every Friday evening?

Macd-Rsi

two weeks are good

let expert itself close the postions and close itself 😊 on predetermind equity
lest us say 23,000 then restart agian

but the best answer try your self one to **two months**--you will feel correct and accurate act

#Post 2012

are you ready for **payRoll EVENT**

Let us make setting like this for all 28 pairs--study case

O=12; D=5; FL=LI=0.01; W=0;

TO: OPEN--say 750

Lad=2;

TP=25*PairPrice

config=111

=====

or:

O=D=22; FL=0.01;W=-1 -2;

TO: OPEN--say 750

Lad=1;

TP=25*PairPrice

config=102

====

usually this event is volatility with range!

seldom take one direction

very slow movment this month for this event!!

who select faster SETTINGS?

like O=D=2 to 7 ??

next evenet next tueSday AUD Interest Rates

#Post 2144

Depend on the timing and your goals

but lest us assume you want to apply thesn sleep for 3 weeks then open account

for dow: its price 30000.12 now divided by 100

300 tripette b/w each two orders, FL=1, LI=1, LD=3

tp=500

and apply the same rule for UT100

For gold tripette value 100 double of that of dow

iam not experience in GOLD 😊

my experience Silver 😊 each 250 pipette(25 pips=2.5 tripette) will give acceptable result

TP 10 tripette --- that mean from 25.123 to 26.123 = 10 TRIPETTE

#Post 2157

welcome my brother

upto now when you see me say $O=D=5$ or 1 or 2.5 or even 10---- just to speed learning
but let us think in logical way: assume we are trading real money, do you think brother by very simple
mere logic trading 28 pairs with fast O D, on both directions wise step.
care first for ugly face!

now we have experience of USD -- and CAD impl. events last friday
after tomorrow event of AUD rates,
let us build our experience with events first
for events short period we can use so fast Os Ds

one month enough to grasp furs 😞 of how to trade events.

unfortunately 2020 corona news makes other news "YELLOW" news!

later on following famous indicators, we can pick each 3 days one pair only with one direction--profits
need 1) patience 2) wise pair selection

for traders hating ind/events and any source of headache, $O=D=50, 67 *pairName$ -- is my
recommendation. (period 2 to 3 weeks or profit above 33.33%)

iam responsible for that. YES, iam responsible.

do not forget the original name of expert -- name of year 2017 -- "StupidsExpert"--was designed
mainly for those with millions, so they do not have a time to think and later on they miss the ability to
think itself. they can not think anymore. they forget "how to think"

#Post 2689

Of course it makes sense,
I am happy with the way you think in.
we need more thinkers.

to repeat: 100 eyes is definitely better than 2 eyes.

regarding SL, impeded in the expert upon some members request, but I gain repeat:
DD of 35% with diversification on 28 pairs is much less than 10% DD on a single pair.

YES $35 < 10$ from deep recognition of what is happening

here few members like z 😞, etc.. follow simplistic traditional way of understanding! they **must** study
math. and be convinced that $35 < 10$.

if they not, they have some problems from their viewpoint.

35% on 28 pairs!!! each pair share is around 1.2% 😊
and some pairs may carry other pairs! therefore cancel their losses!!

GridTrading is as "SATANIC" invention 😊 if done in right leeways 😊

2) Macd-RSI Best Pairs

and after 7 to 8 years of experience, my arrangement for best pairs:

- #1 Silver XAGUSD ---- **TOP**
- #2 UT100, US300, DAX30, JP225, HK50
- #4 EURMXN

#5 EURZAR-GBPZAR-USDZAR
#6 USDNOK, USDSEK
#7 GBPNZD
#8 GBPAUD
#9 GBPJPY
#10 EURAUD, EURNZD
#11 EURJPY

3) Macd-RSI Best Practises

#Post 2532

the hidden-un-announced Title of this thread is SmartGridTradingSystem SGTS that accomodate any way human mind can imagine

one of the **best** practices to repeat specific pair twice or three
for reverse of 100 pips you may choose config 111, for 4 orders (O,D 25)
then reversion from 100 to 300 pips use config 102,
amd if drop by 100 may you use SS config 101

all set at the same time
depends on you
hyper O,D

you're not confined to other specific experts **limitations**
you have more freedom-

#Post 2693

recommendation: for brokers with less max orders limit--choose few pairs
better on tech reason

in your picture, very wrong setting O=D=1---TO=20
and DD may reach 100%

for SSI-daily--make setting O=D=17*pairPrice(use **justice** setting) to 25*pairPrice, LD=3, TO=8;
TP-- say 125*PairPrice
FL=LI=0.01 for each 2000 USD

1) Macd-RSI Lot Sizing Tips

#Post 2674

So my question is, if I have a USD50,000 portfolio, I intend to close my trades at the end of every day
what should my settings for FL and LI be if I would like to have a max drawdown of 10% a day (USD
5,000)

Trade 28 pairs
BL and SL
O=D=5
TP = 25
L1/L2/L3 = 1/1/1
Ladder =3
TO = 10
FL= ?
LI= ?

Lot Calculation

with these information, i know to calculate Lot based on FL=LI=0.1

L1/L2/L3 = 1/1/1

Ladder =3

TO = 10

0.1

0.1

0.1

0.1+0.1=0.2

0.1+0.1=0.2

0.1+0.1=0.2

0.2+0.1=0.3

0.2+0.1=0.3

0.2+0.1=0.3

0.3+0.1=0.4

Total Lots for BL only = $0.1 \times 3 + 0.2 \times 3 + 0.3 \times 3 + 0.4 \times 1 = 0.3 + 0.6 + 0.9 + 0.4 = 0.22$ Lot

Total Lots for BL and SL = $0.22 \times 2 = 0.44$ Lots

Total 28 pairs = $0.44 \times 28 = 12.32$ Lots

Pips calculation

O=D=5

TP=25

Is there a way to calculate the optimum FI and LI based on the above information? Do share if anyone knows 😊

Macd-rsi

NOOOOO 😊

Total lots = 0 --- $0.22 - 0.22 = 0$ Lots 😊

if all are open and there is no take profit , you end up with a [complete hedge](#)
so max risk lot for cacl. we use $0.22 = 6.16/28$ pars

and that good mental 😊 point to consider in design

#Post 2686

no it is already there, in Dispaly Click and in CirclesExpert

everything is avilable

and now, through simple equations you can approximate worst case\

you have 10,000 USD--total lots = 6.13

then $10,000/61.3 =$ around 166 pips in case all BL are executed at the current price O=D=0

but with O=D= other than zero, in each stage we calc for loss and dedecut from new equity and so on--and that in CircleExpert

we will speak about it at proper time--it is a [forecast](#) for future order executions

but better avoid BL+SL on all 28 pairs, and PICK UP your pairs on daily chances--each daY add one pair OR TWO based on tech reason for one direction

[Build your portfolio in logical smart way to encompass all days different circumstances.](#)

if you have no time to think use BL+SL for 28 pairs but with ORANGE-67-----100% 😊 SUCCESSFUL

39- Start Trading Settings by Macd-RSI

#Post 2187

should we start trading, focusing out attention mainly one:

1- S/R

2- MACD-**opposite cross**

3- RSI **30/70 crosses**

50 Envelop, **3rd or 2nd level**-- 14/2.5%

starting with account with 250 USD,

Now: ENVELOP CHANCES

(1)

EURUSD SELL LIMIT: O=10, D=25, W=-1; TP=125; LAD=3. TO=5; FL=LI=0.01;

(2)

USDCHF-- BUY LIMIT O=10, D=25, W=-1, TP=150; LAD=3. TO=5; FL=LI=0.01;

or **USDCAD** instead BUY LIMIT

(3) Either **EURJPY** or **NZDJPY** or **CADJPY**, SELL LIMIT -- same setting

i prefer NZDJPY, to avoid one currency high concentration



some of **RSI** chances: **NZDUSD**

her you hope market goes against us at least 130 pips, to guarntee all 5 orders are executed.

+EURUSD--USDCAD mentioned earlier



MACD- oc

oc=opposite cross

look **five crosses** below zero, and if expert was applied last two month--there was a good fluctuations against us==> more TP with corrections

USDJPY -- prev setting but LAD=2, TO=7

TO = 7==> pairs must go against us: $10+25*6-1-2-3-4-5 = 160-15 = 145$ pips.

then avg price from last order is near to last executed. third of 145 pips!

if there was a correctio up, then expect average profit more than 125 pips!

that was happening on this pair laast two months

#Post 2606

"endless debate story" -- the key to success story: **1)** how to pick up specific pair, **2)** how to make setting for that pair.

fabricated story, title "endless debate"---this story might be continued each day b/w NSC-Mal and Skat

Skat: when RSI cross 70-level up, it is a sign of price reversion!! we had better enter Sell

NSC-Mal: No, No, No, it is a sign of strong trend coming in the same prev trend direction!

Skat: but prices reach 70 level after big movements?? ?? do you think it will continue without retracement!

NSC-Mal: this emotional judgment! it is a subjective statement.

Skat: just open many chart for many cases! and check!

NSC-Mal: i do not deny reversion cases. but assume when RSI jump above 70-level, **that was accompanied also be breaking strong resistance!** do encourage me to take sell side!! how after strong breakaout !!? how

Skat: emmm -No, better to wait 12 days!! - let us complete later

Next day:

Skat: let us think in a way that suite us both together, that collect conflicts!

NSC-Mal: do you mean the price will go up and down at the same time 😊

Skat: exactly!! I check many cases--I found it is around 50% 50%, sometimes when RSI break 70, that is followed by strong trend and some times there is a reversion!

NSC-Mal: i believe in 50% 50% proverb!!

Skat: please look at the picture:



and later when RSI cross 30 down, it goes down also 1000 pips, but after that surge around 800 pips within few days!

if we apply our grid system with O=D=5 pips at that time and wait only few days, account might doubled 4 times if our ""frequency" is 250 pips only!!

let us assume the worst condition only, if RSI cross 70 up, we make our grid, on a distance of 2 of pair velocity--for USDJPY 2*101 - 202 pips, then make our takeprofit say 400 to 700 pips!

NSC-Mal: yes I see the salient points in these veiwpoints, and through the following general concepts we can deal with leaway-by-nature market also in leaway ways:

- 1) select proper **O**,
- 1) select proper **D**,
- 2) acceleration/deacceleration factor **W OF -1 if D is above 20 and our orders less than 20!**
- 3) select proper lot design cofigurations **L1L2L3**,
- 4) possiblity of combining both **BL** with **BS** if we outweigh the buy direction
- 6) and put in our minds distriction of our lots -- keep space for possible future, "**DIVERSIFICATION**"
- 7) linking entries to some technical indicators like **RSI, ENVLEOP, MACD!**
- 8) avoiding stupid **TP**, which is less than 125 pips and be patient on possible successful chances!

Skat: let us complete tomorrow