MACD and RSI oposite crosses

read please: https://www.forexfactory.com/thread/...posite-crosses (this thread has nothing to do with the tool presented here, but it is very interesting)

==**ATTENTION: The location of the individual buttons may differ from the original version over time, but the principle does not change much.**==

Changes

Buttons SM (1, 2, 3) – to SK (1, 2, 3)

EA philosophy TP

1) either direct TP
2) OR HIDDEN TP
3) Or Close_Hour
4) or Close on Equity%
5) or using StopSystem Method

Simple Start

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

Activate – deactivate pair

Just de-active PL-SL-SS-BS for that pair, even though pair is activated.
no need to "zero" or nullify other pair variables

Orange-Numbers - 15 buttons "Default Settings"

These buttons are the **core** of MillionaireExpert

RESET ALL SETTINGS	1	2.5	5	10	15	20	25	34	50	67	100	133	250	500

1- it is the most important fire buttons within this expert
   2- they represent many default setting for GridTrading.
   3- each Orange Number is actually 20 external variables for each pair in the group.
   ---if there are 30 pairs, we speak about 600 external variables, set at once.
   4- through one click you set values for these 20 external variables.
   5- to nullify or zero these setings Click SK-1 then RESET_ALL_SETTING button.
   7- the TP is calulated upon value of DifferNce pips D.
   8- these 20 extern variables are:
   ---8-1: 2 variables for refBuy,refSell, set at 0.0 and 0.0
   ---8-2: 1 variables for pair is ON or OFF--ordinal nth will be RED for ONN, or NON-RED for OFF
   ---8-3: 4 variables for order types: BL, SL, BS, SS
   -------------BL: BuyLimit
   -------------SL: SellLimit
   -------------BS: BuyStop
   -------------SS: SellStop
   9- 3 variables for distanceng orders, O, D and W , all measured in pipette/pip or tripette.
   ---9-1: O: Offset--> first order distance from refPrice
   ---8-1: D Difference--> second order and higher distance from previous order level in case W=0
   ---8-1: W Wideningness: To accaelarate OR deaccelare D as explained in detail three weeks ago;
   10- 2 variables for first order lots FL and incremental lots for other orders LI
   11- 1 variable Lot limiter LL for each order type direction.
   12- 3 variables Lot configuration design L1, L2 and L3,
   13- 2 variables for each pair for each direction **TO**PPIOD, and Ladder for nth lot increment LD
   14- 1 variable for TP. TP depends on D setting as explained in detail last weeks.

ORANGE NUMBERS=DEFAULT SETTING
there are 14 defaults

choose ORANGE 1 - for fast learning
then click on pairs box-quick double click--thier serial numbers will be red
then click on REF B/S PRICES--quick double click

choose ORANGE 1 - for fast learning
then click on pairs box-quick double click--thier serial numbers will be red
then click on REF B/S PRICES--quick double click

DB	MB	LB	#B	DS	MS	LS	#S	Reference B/S Price		#	Pairs	d	ASK	n	SPD	n	BID	BL	SL	BS	SS	O
								1.21475	1.21436	1	EURUSD		1.21475		3.9		1.21436					
-0.1	-0.2							0.91154	0.91088	2	EURGBP		0.91153		6.5		0.91088					
	-0.2							1.61260	1.61157	3	EURAUD		1.61260	✓	10.3		1.61157					
								1.71570	1.71461	4	EURNZD		1.71570		10.9		1.71461					
								1.55094	1.54959	5	EURCAD		1.55094		13.5		1.54959					
								1.07763	1.07650	6	EURCHF		1.07763		11.3		1.07650					
0.3	-0.2							126.366	126.304	7	EURJPY		126.369	▲	6.5		126.304					

O-D-W column

O column---- **O** = **O**ffset Pips

D column---- **D** = **D**ifference Pips

W column---- **W** = **W**idening Pips **+** deacceleration, **-** acceleration

O = 25 **pips** means the **first hidden pending order** will be executed if price goes against you by 25 pips

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

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.

2ndt order after 56 pips. (25+31)

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

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

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

W = +1   DEFAULT W = 0   W = -1
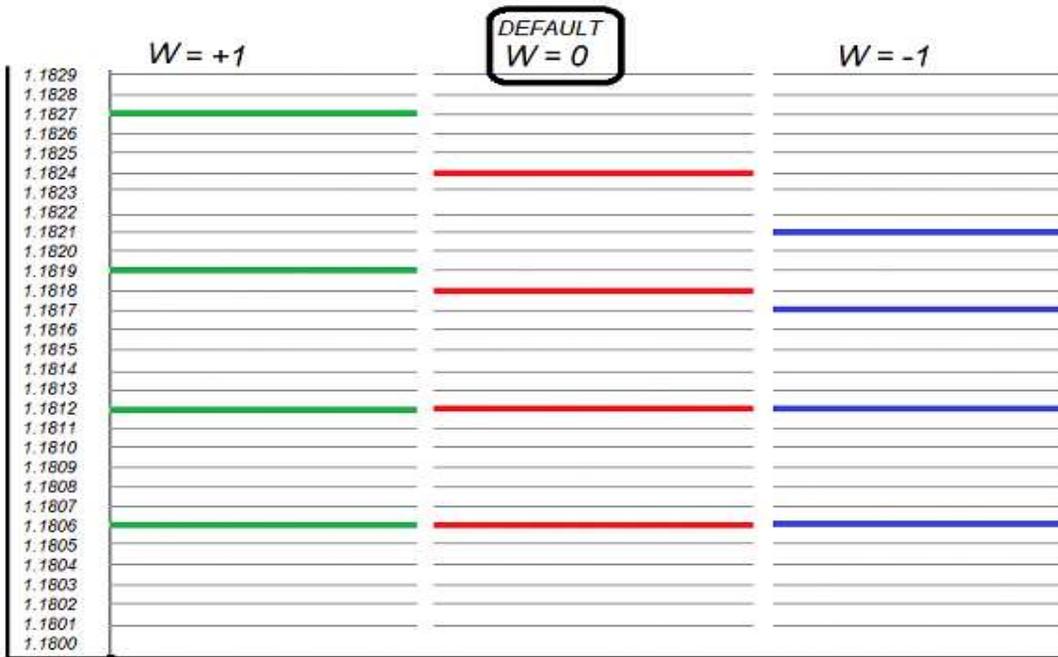
First 4 orders for three cases

Lot Limiter

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!

Ladder and Lots config

after how many orders to increment new order lots??
ans: depending on **Ladder** Value of **D** box in right area

Lots setting

Ladder setting related to lot design

look at picture:
ladder is 5 --therefore each five orders we increment (increase) lots
we have 20 orders === TO column = 20

FI = 0.01
LI = 0.01

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

assume **Ladder=1**;
and
FL = 0.01 lot -----------(first order lot)
and
LI=0.01 lot -----------------(lot increment)

101: unified lots for all orders
102: doubled lots
111: graded lots
and hence 111 not a value, it is just three ones beside each other.
its 3 digits are 3 different values for 3 differenet variables named L1, L2 and L3

now 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.

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

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.

Trading Status – One Time, Repeat, Blocked, AUR (automatic update reference)

What are using usualy here is "ONE-TIME" ---in old version "NO-REPEAT"
3 states:
ON-TIME ------- REPEAT ------- BLOCKED

Now it is hash R "**#R**" in comment.

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

AUR = **A**utomtatic **U**pdate **R**eferencing
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 intervl 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" = **N**ext **U**pdate**TIME**
focus: here expert check chart frame:
-**if it is daily choose next daily bar time**--- then-- when time reachs this point, change refrence 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 reachs this point, change refrence prices to ASKs and
BIDs, at the opening of new **H4** candle
-**if it is H1 choose next H1 bar time**--- then-- when time reachs this point, change refrence prices to ASKs and
BIDs, at the opening of new **H1** candle

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

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

-if it is M30 choose next m30 bar time--- then-- when time reachs this point, change refrence 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 "ASK**s** and BID**s**" of M15, for all pairs.

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* oders = OrderComment start with "#" sign, then letter **R** , "#R" orders

12094.50	0.00	0.00	-2.00 ✕		#R_E_001_0012096.00_0006_000
12094.50	0.00	0.00	-0.50 ✕		#R_E_001_0012095.00_0007_000
12094.50	0.00	0.00	0.00 ✕		#R_E_001_0012094.00_0008_000

27,109.67

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

Activate or deactivate specific pairs (ADD or RMV)

ADD box--to activate specific curreny pairs

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

blue color box

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.**

and

ADD box--to activate specific curreny pairs

follow the same procedures for RMV box,

assuming all 28 pairs not activated, when you choose to aactivate 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**

Another choice, to input 8 pairs "**USER**" box--blue color (if your broker disable them in weekends wait markets open).

Another option: Aqua-color **USER** box choice of adding 8 pairs upon your desire!

5th solution: pink "**USER**" and this is the exact answer to your question, but it adds pairs like **GBP**ZAR,**EUR**MXN if any

Ex: to **Ex**clude some pairs associated with some currency you want to remove from EUR or GBP list, for example GBPCNH if any

Ex: to Exclude some pairs associated with some currency you want to remove from EUR or GBP list

But EXCEL FILE, is the best solution, you design it one time at your live, then forget it. *save them under MQL4//FILES*

LOOK AT BEAUTY:

SUMMARY:

0- SPARAM is not RED
1- Click **AUD**
2- Click **ADD**

3- Click **EUR**
4- Click **ADD**
5- Click **CHF**
6- Click **RMV**
Result shoud be including **all AUD, EUR pairs** except **EURCHF** and **AUDCHF**

Mode All

ALL: includes all your positions either done through **this exper**t or were enterned **manualy** or via **other expert**.


"**ALL-SHOW**" and "**INDEX-SHOW**" boxes:

Importance of /100 box (divide by 100)

0.17 is not a ready-made-dummy number, if you want to set EURUSD Lots at 0.17 lot, simply click on dummy "**17**" then click on /**100** box -- memory number will be **0.17 Then you can use this memorized number as you wich!**

importance of /100 box (divide by 100)
0.17 is not a ready-made-dummy number
you want to set EURUSD Lots at 0.17 lot.

simply click on dummy "17" then click on /100 box ---- memory number will be 0.17
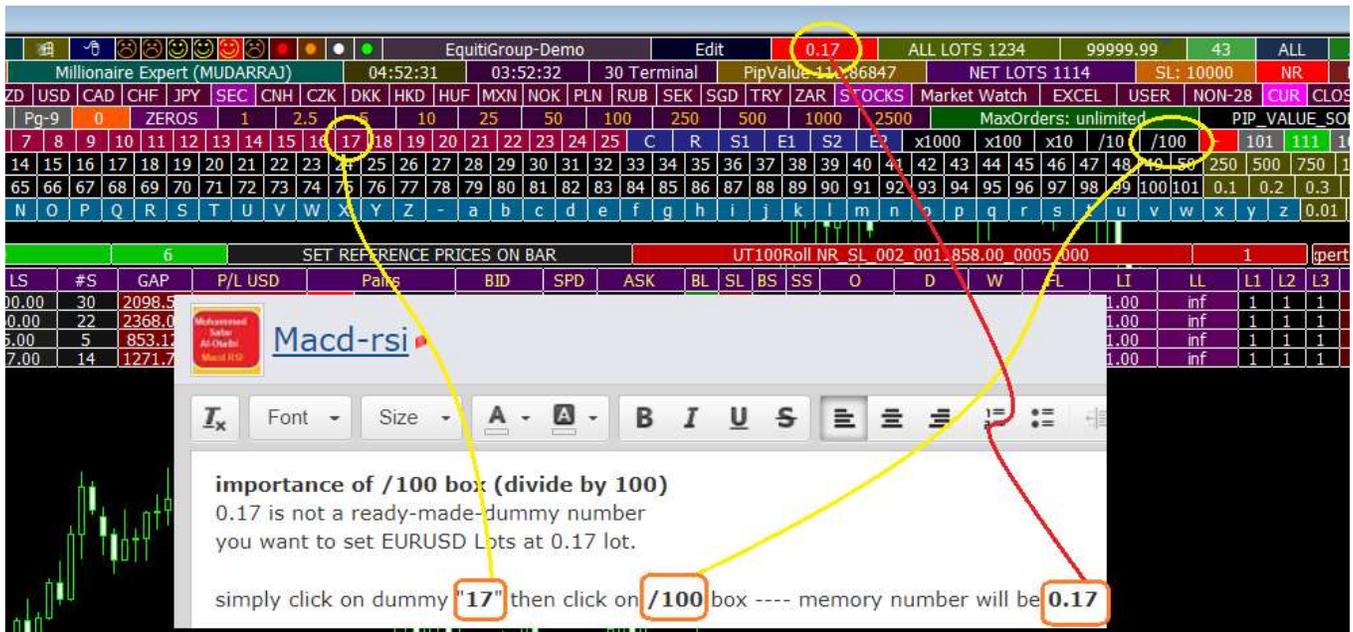
Halt trading

let expert do everything **except** placing/opening orders
let expert calculate for DB and DS pip deffereces , and whatever, but **block** trading!
Simply click on "**Account Server**" box. its color should be RED---> int this case you are **halting** trading until
you activate it agian by clicking again on "**Account Server**" box.

Close mechanism

They are a close-mechanism when conditions satisified eithr 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
if you forget them, already **x** is the default. so no worries
x cancels >
> cancels x
can not be ON at the same time----common sence

+ cancel -
- cancels +
can not be ON at the same time---------common sense

both of + and - can be **OFF** at the same time, since they are just auxiliary options

but x and > **one of them will be ON** even if you disable SmartTP/SL System
when you attach expert to chart--check x color

Close all open orders

It is a very simple step, you have upto this version three scripts (**this expert have more than 15 scripts**) related
to disposing of orders/positions.
1- DELETE ALL ORDERS
2- CLOSE ALL ORDERS
3- DELETE+CLOSE ALL

Keys: (to avoid false harmful clicks)

key-1: Click on SM-1
key-2: Click on SM-2
key-3: Click on SM-3

*then click on any of three **scripts**.*
1- "CLOSE" script box
2- "DELETE" script box
3- "C/D" script box -- read ToolTips

If you want to close **ALL** -- first activate **ALL**
If you want to close only indexed **J_** orders (from expert) --then activate "**INDEX** box" after selecting **J** letter -- if not in the INDEX box.

then SK-1---->SK-2---->SK-3---->**CLOSE**

So you can close **all** or close **conditionaly**

Work (close/delete) with selected pairs

Colors explain meaninig: P=Pair---C=close-----1st D=Delete-----2nd D=Direction
1- I want to close all positions on specific pair (all BLS,SLs):
      click on CP box, then click on **P/L_USD** of that pair

2- I want to delete all positions on specific pair (all BLS,SLs):
      click on DP box, then click on **P/L_USD** of that pair

3- I want to close and delete all positions on specific pair (all BLs or SLs):
      click on CDP box, then click on **P/L_USD** of that pair

4- I want to close the postions on specific direction (either BL or SL):
      click on CD box, then click on box of that pair under column "**Average Prices**"
      for Sell click on the second column box of that pair
      for Buy click on the first column box of that pair

5- I want to delete the pending postions on specific direction (either BL or SL):
      click on DD box, then click on box of that pair under column "**Average Prices**"
      for Sell click on the second column box of that pair
      for Buy click on the first column box of that pair


RSI shift box + MACD

How to change shift value? We have mentioned that Bid prices **columns**, thier **backgroud** color shows RSI states for being crossing resently 70 or 30, up and down respectively.
This is for shift=0=== last day RSI, but if you select shift=1; RSI status two days ago, if you select shift=2; RSI status three days ago and so on.

How to change RSI shift?
If you see hours row from -1 to 25, if you click on any one of them, value in RSI shift bix will change to "Hour value" you click on.

Below I click on Hour_5 box, then value transfered automaticaly to "RSI" box
then as a result I have noticed that USDJPY, RSI cross bellow 30 **6** days ago (**since shift now is 5**)--
Green Bid box = RSI<30

In next version RSI shift will be linked to dummy numbers style, not HOUR boxes, and to repeat for third and final time:

Green Bid: RSI<30
RED Bid: RSI>70
RSI status under BID boxes
but
MACD status under ASK boxes
MACD always show status upon last closed candle status and no shift here, always shift=0
in next version MACD shift will be included.

These 4 boxes have been added, 2021 version
Velocity: automatic adjust of O and D and TP to be appropriate to pair volatility.
MACD box: to include or exclude MACD on ASK boxes--- to lighten expert
RSI box: to include or exclude MACD on ASK boxes--- to lighten expert
MACD / RSI box: for both!
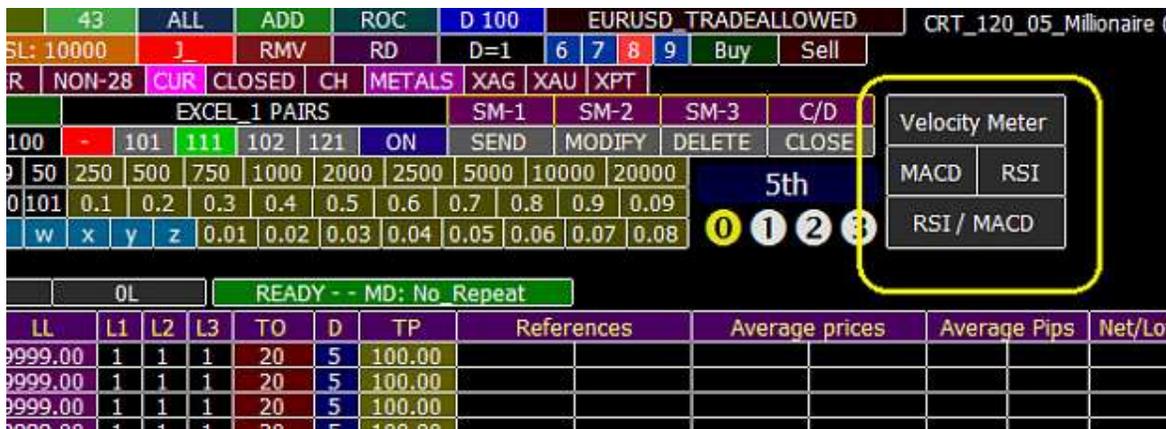
Smart Stop Loss/Take Profit

1- if you try to set any limit either **equity** of **percentage** limits, then other five boxes will be de-activated immediatly, like **SLonHedge**, **SLonClose**, **TS**, **OnEquity**, **OnPercentage**
2- when setting limits, priority to **OnEquity** or **OnPercentage**, each one of them cancel the other one immidtaly, and also de-actiavate **SLonHedge**, **SLonClose**, **TS**
3- then priority to **SLonHedge**, **SLonClose**, each one cancel the other immeditaly, and also de-activate **TS**
4- and finally set **TS**

Logic is done pursuing very **strict** rules:
1) SKs,
2) % or amount(value)
3) B or E
4) TP **&** SL (AND not OR)
5) compinations of some conditions
6) inputing\
7) trailingStop
8) Fireing "GO"
All are in sequential steps. no possibility of human error. All built on suspisious philosophy.

Equity may goes up (possible profits) --- equity goes down(possible losses).
Smart-Take-Profit: when equity reach upper-user-equity limit--it closes/delete all orders.
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 we have first to set EquityUpperLimit(**TP**) and EquityLowerLimit(**SL**)

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.

And you can do the same steps in lesson on percetages (not equity).

TP: Smart-Take-Profit: when equity reach upper-user-percetage-limit--it closes/delete all orders
SL: Smart-Stop-Loss: when equity drops below lower-user-percentage limit--it closes/delete all orders

P: Smart-Take-Profit: when equity reach upper-user-percetage-limit--it closes/delete all orders

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

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

You have both two options, you can make your trailing stop by percentage or by some fixed anount of USD (or your account currency if not USD). You had better do it in the begining, either you use TS method or not.

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

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.

if you choose OnEquity --- EqLimits will be used (percemtage 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).

Boundries boxes:
1- **OnEquity**
2- **OnPercentage**

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 "**SL-CSL**"--- change to RED = Activated.

TrailingStop TS key

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

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 suspisious"

TS *2-box values* passive from this viewpoint

1- clicking on any one of the 4-box values de-active *immediatly* all 6 SL fire-boxes

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-n**$_s$ 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.

Lesson-07 on Smart-Stop-Loss(Logics)

logic-2:

1- clicking on any one of "Mode-Selection" boxes (=OnEquity + OnPercentage On%)
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"

not shining blue

de-active

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--suspisious

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"

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 limit 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

Max Orders

We can put the value of our choice in max orders allowed (of course lower).
Just choose any dummy then click on **forth box,** then this box will **override** broker max orders.
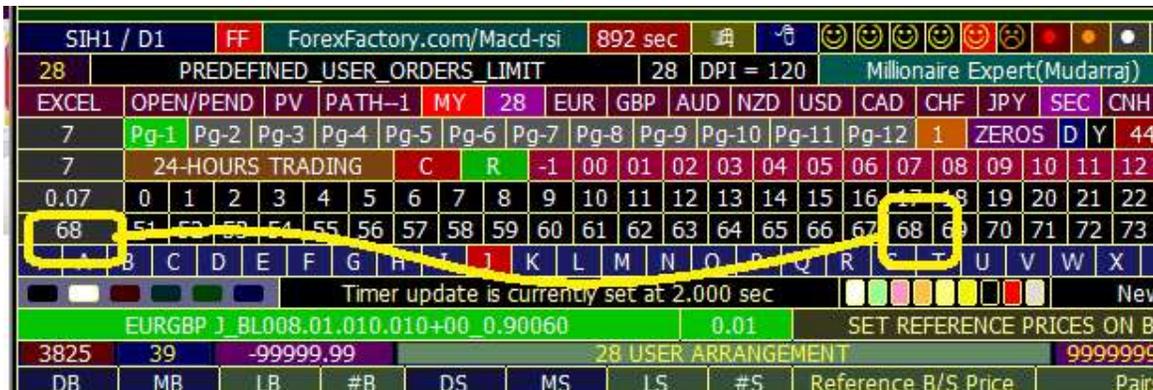
Spread Limiter

I want to prevent trading during huge market volatility when spread widen to some level.
Simply: **set spread limiter box** to the value that you can tolerate:

some spread boxes are RED
Reason: spread > 71 pipettes
Result: NO TRADE on these three pairs -- unless thier spread goes to 71 or below

Reset

How to **reset** all previos settings?
box "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

Passwords (remove lock)

I invent a new concept in passwords, "strange password" .It is not like passwords that we are used to -- which are a sequence of characters like 111131 or rT67%987dd etc. It is essential here for safety operation. This password to unlock some blocked boxes is "clicking password", that mean you click on three or objects in a sequenced manner, then you can remove lock.
When lock timer raech 0 -- it prevent clicking on any box. To activate again, click on PassWord
PASS then **WORD, t**hen click on my name box **"MOHAMMED SAFAR AL-OTAIBI"**
It will last for 300 sec
sparam will last 30 seconds then become NON-RED

Removing mouse lock in quicker way
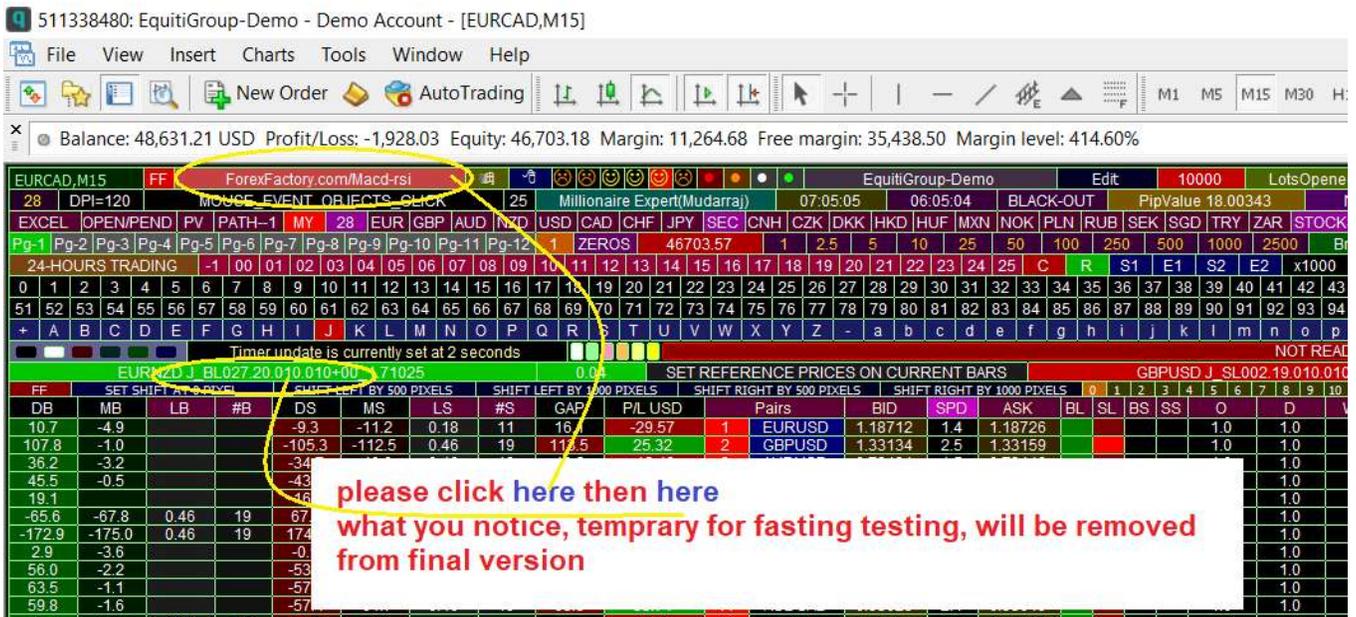
1- **permanet** solution: PASS->WORD->MyName box
2- temporary: click on any of boxes showing last exevuted order comment
3- Temporary: click on pairsTotal box--then click on DPI boxm then click on myName box
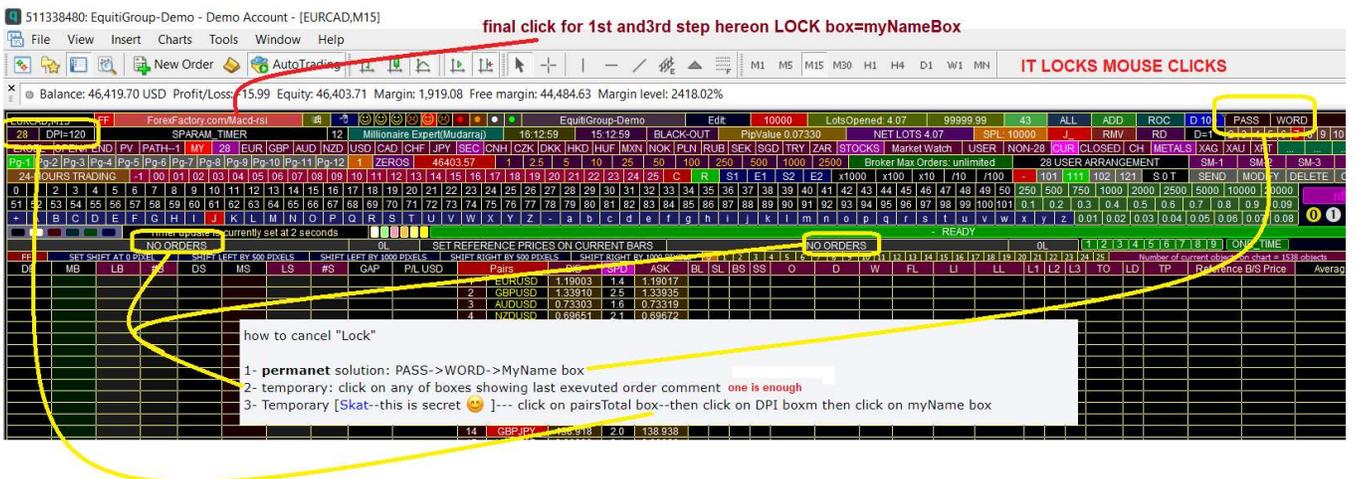
if you click on **pairsToTAL** box---notice "**PASS**" box GBColor
if you click on **DPI** box---notice "**WORD**" box GBColor

Mouse-Clicks Button

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 attcahing 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.

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.

Group Selection - **EXCEL FILES**

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

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

2- **EXCEL** has 4 groups -- you have the possibilty 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 elemnts. it will be reflected on dashboard.

3- these files names must be with the floowing 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- extesnion 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 piture is my choice. Your choice definitrly will differ.
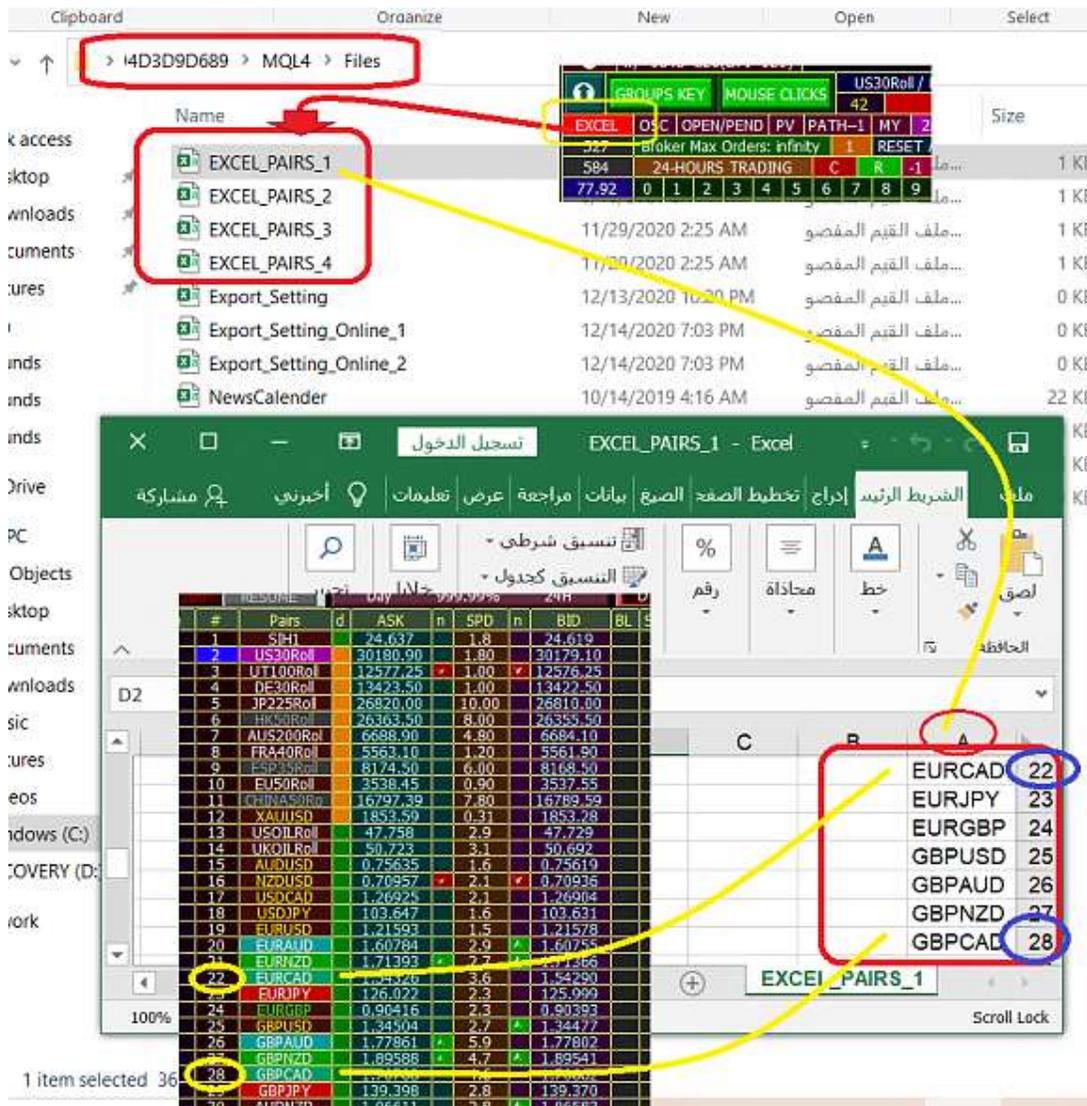
7- Look at picture, you just fill **column A** on excel-sheet, nothing more. you may do it at one time in your trading live.

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 poistions 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 ...

Group Selection - **PATH Button**

1- number of ckicks here is not unqiue number. it is depend on your broker susbtitles in Symbol window.

2- Path 0 then path 1 then path 2 etc are arranged in alphapetical order, usually CFD first since C letter comes before F letter in "FX group".
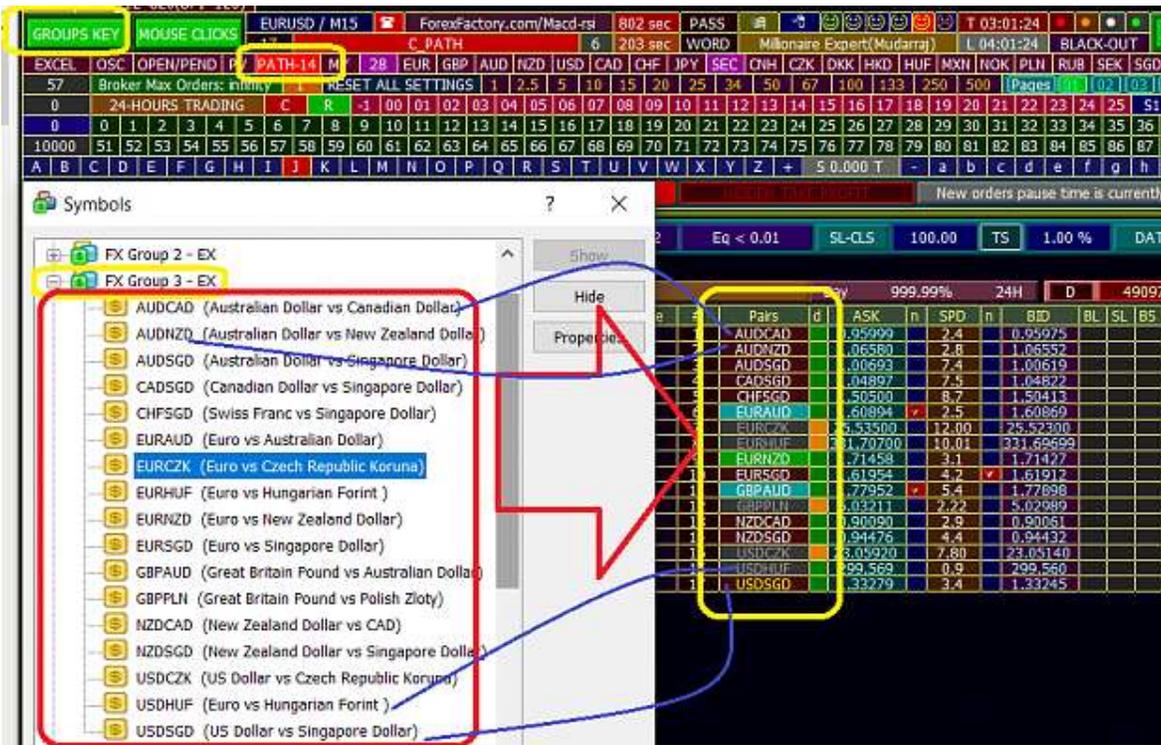
3- Instruments will be arranged on our dashboard according to their appearance in Symbol Page

4- The title in the symbol page will be the title of dahboard

5- To restart from path 0 after reaching path7, click on PV button, to left, then click on path again
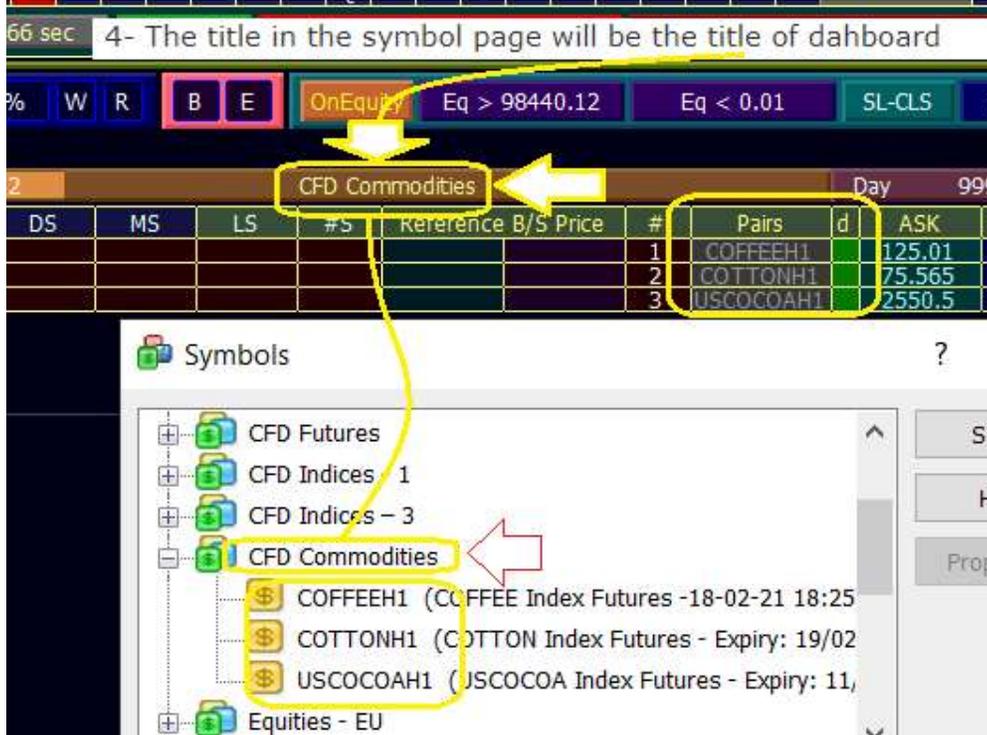
Group Selection - **CH Button**

1- this group CH only conisist 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!

Group Selection - **8 Buttons for famous 8-currencies**
1- each one accept 8 clicks for 8 different choices.
2- look at toolTip/
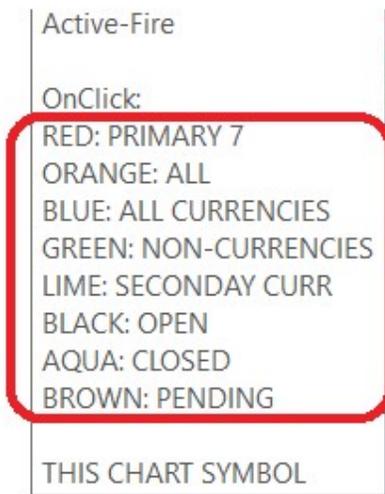
Group Selection - **3 Buttons: 28, SEC and CUR**
1- "**28**" Famous 28 currency-pairs
2- "**SEC**" all currency pairs except famous 28 pairs
3- "**CUR**" all famous28 pairs plus all SEC curency pairs
4- here indeces , dtoke and alike are excluded.
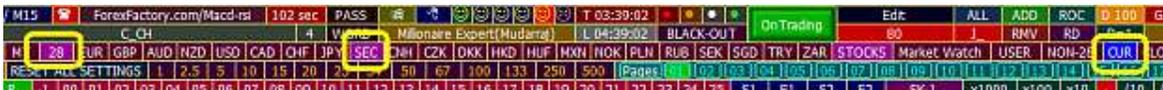
Group Selection - **"NON-28"**
It includes every thing eithe SEC currency-pairs, indeces or stocvks etgcc except famous 28 pairs.

Group Selection - **OSC Button**
1- OSC = **O**pen **S**econday **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.

Group Selection - **non-applicable groups for MillionareExpert**

1- **PV** , **OPEN/PEND** and **CLOSSED** 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 method! EXCEL is better

3- so ignore thier existance here

Group Selection - **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 possibilty of different setting for both BUY and SELL

Save Setting

Do the folliong please in sequence:

1 - choose EUR-red (famous 7 pairs)

2 - make all your setting, including refrencing, 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 AUTOSET word, what you notice?

created autmatically when you click on saved setting

Import Setting

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, inclduding 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 everthing 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, inclduding refrencing, onl 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 retreived??

--a----click on IMPORT word, (First click on SM-1 to be green)--data retreived??

--b----then after 5 second click on AUTOSET word, what you notice?--data retreived??

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 rretrieve all setting as it is

------b: if you click on UserSetting word also will retrieve all data as it is excpet refPrices will be updated on dahsboard according to current prices, without

any change to excel contents.

User Setting

Here forget about data saved.

Go to excel, then prepare your permanent setting, (that may you isist on for 2 years), you are free in everthing except 4 things:

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

2- each row 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
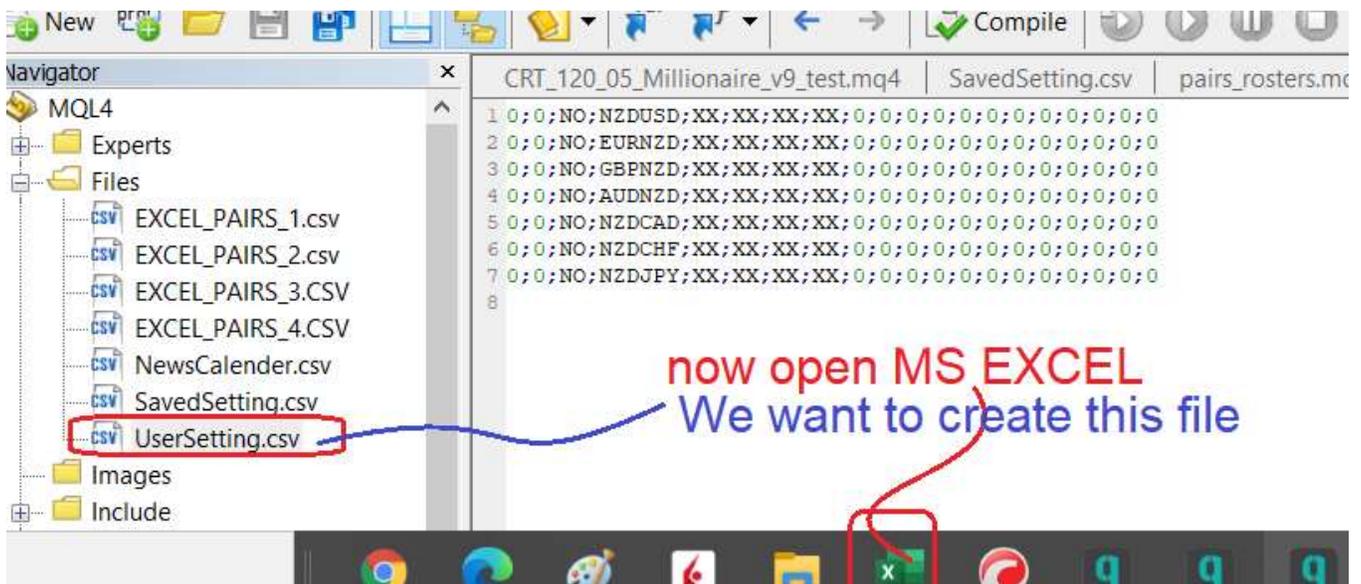
if you close treminal or PC , then come back again, then **SM-1, -->Import**----is your orginal savedSetting THERE or NOT?

The best and quick way is SM1 green and Saved settings to save, SM1 green and Import or Autoset to restore

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"

Filling Excel cells

For each instrument, there must be 1 row with 20 columns, and as explained earlier, the arrangmenet 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 generaliztion
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 (TotalOrdersPerPairInOneDirection TOPPIOD) +ve integer value. By mere logic it must ne integer.
19-Fill S1 cell with LD (LaDder) +ve integer value
20-Fill T1 cell with TP (TakeProfit) value in pipettes. Program will say it as a pipette, if you want 50 pips according to traditional concept, edit 500.

Color at currencies

All currenices white color
except if they have USD, Yellow color
if they have JPY part, Orange color, except for USD
if they have GBP part, Green color, except for USD, JPY
if they are noT from my famous 10 pairs: EUR and GBP against CAD-CHF-JPY-AUD-NZD
this help to check at specific pair quicly--make my own live easy

Risk bar

Since it depends on complicated math calculations that iterate over all open positions (assume it is 10,000 position) that may be a heavy jop on expert. Therefore you have the right to activate or deactive RISK bar operations, but for few orders--say 200 order-- it is ok from speed perspective.

and you must first activate **TPV** box to make expert calculate or risk sensor bar
TotalPipValue

Basics of money management

When you trade any instrument, you are dealing with maximum of 4 currencies, and minumn of 2 currencies:

YYY: Base currency
XXX: Quote currency
DDD: Dominating or your account currency.
ZZZ: (non-currency instrument value, like gold, oil, indicators, stocks, etc..) value
=======
EURUSD--max 2 or 3 currencies.

if your account currency is either EUR or USD (2 currncies)
but if your account currency is GBP (3 currencies)

first case(2C) : YYY=ZZZ=**EUR** ------------------- XXX=**USD**-----------DDD=**USD**
second case(3C) : YYY=ZZZ=**EUR** ------------------ XXX=**USD**-----------DDD=**GBP**

German dax DE30 now is 13000 (what EUR or USD ??)
13000 EUR or 13000 USD?
Here we have 3 values:
ZZZ = DE30
YYY=EUR
DDD=USD ---- Assuming your domination currency is USD-

XXX for stoks , indicators = YYY=EUR

LAST web page 146