EA Ribinho is an automated trading Expert Advisor (robot). It is not for sale. You may use it on your own risk but I strongly do not recommend trading on live account with this robot as it doesn't have live trading adaptation and may be not free from bugs.

First EA version was based on Robinho rules but later on there were added a lot of filters and functions from most experienced traders: Nasap, MariaLuisa, JibalaPasan, LuXing, Udine.

EA Description.

Brief EA algorithm description. At first EA defines the most strong/weak currency basing on pure CS (Currency Strength) or LuXing's table depending on user defined settings. After the most strong or weak currency is defined EA begin to check all currency pairs including selected strong or weak currency. If the selected currency pair matches minimum CS (pure CS base on BSR or LuXing's table) threshold EA include it to selected by CS pairs list. If The number of pairs in the list becomes equal or more than user defined EA begin to check every pair from the list if it matched all active filters. If Ea is trading in ST (Single Trade) mode and if any pair passes successfully through all active filters EA will open the deal for this pair. Being switched in GT (Group Trade) mode EA passes all pairs from CS list trough all active filters without opening trades and writing new Group List with successfully passed pairs. And only if the number of pairs in this Group List become equal or more than user defined EA will open all group list pairs trades at the same time. Mr Robinho insisted on group trading but I prefer ST mode and consider it basic mode.

Parameters description (for most complicated parameter only):

1. Fixed SL in points = 200	EA will accept it if it is > 0
2. Fixed TP in points = 50	EA will accept it if it is > 0
3. Flexi SL in ATR = 0.2	EA will accept it if Fixed SL = 0
4. Flexi TP in ATR = 0.05	EA will accept it if Fixed TP = 0
5. Group (=True) or Single Trade Mode = False	Explained in EA algorithm
6. Min Number of Group Trades = 3	Min Number of Group Members
7. LuXing Level = 11.0	EA will accept it as Min CS level if it is > 0
8. CS min for Strong = 8.0	EA will accept it if LuXing Level = 0
9. CS max for Weak = 1.0	EA will accept it if LuXing Level = 0
10. Buy/Sell Ratio min = 4.5	EA will accept it if LuXing Level = 0
11. Bid Ratio min = 65.0	Bid Ratio min
12. TickByTick=True / BarClose=False	TickByTick is a Basic Mode
13. ECN Mode = False	Normal Mode is Basic (NOT ECN Mode)
14. One Trade per Session Filter = False	One Trade per Session Filter
15. Pause (min) After H4 = 5	Pause in minutes after each H4 from Sydney Open
16. 1 Trade per H1 bar Filter = True	1 Trade per each H1 bar Filter
17. Pause after deal = 60	Minimum Pause after deal in minutes
18. ADR reach Filter = True	Based on 50 last days
19. Monster Bar Filter = 0.5	(MBF) Last closed bar is compared with ADR50*MBF
20. Monster Move Filter (ADR)= 0.3	Monster Move Filter (based on ADR50)
21. Monster Move Time (minutes)= 10	Monster Move Time in minutes
22. M1 Stochastic Filter 80/20 = False	M1 Stochastic Filter to enter on reversals/retracements

Additional Parameters Description:

- The most simple parameters are not described above.
- Flexi SL/TP are calculated based on ADR50.
- All Level filters which are set to 100 points as default (SnR for S1/S2/S3/R1/R2/R3 for D1, W1, MN, Fibo Level Filter, Pivot Level Filter, DO, WO, MNO Level Filter) may be switched OFF by setting zero values.
- BRN (Big Round Numbers) Filter works similar others level filters.
- Being switched in TickByTick mode EA is operating in usual way controlling market conditions each tick. In BarClose mode EA will check market conditions on bar close event only based on TF EA is attached.
- CS (Currency Strength). EA will calculate CS based on LuXing's spreadsheet if LuXing Level > 0. Otherwise (if LuXing Level = 0) CS will be calculated as currencies CS and BSR (Buy/Sell Ratio) as in classical way. For deeper explanations of LuXing's CS measuring method and his spreadsheet refer to his posts [here](#), [here](#) and [here](#).
- ECN mode = True means that EA will place first market order with zero SL&TP values and modify SL&TP to proper values with next tick as ECN/STP brokers requires it. In normal mode (ECNmode=False) proper SL&TP values will be set in market order already.
- Monster Move Filter works like Monster Bar Filter but Monster Move Filter measures price movement for the last X minutes multiplied on MMFk (Monster Move Filter coefficient). So MMF is more flexible filter comparing with MBF.
- M1 Stochastic Filter is aimed to enter on reversals/retracements and being activated allows to open long position in case M1 Stoch(8,5,3) is crossing from OS area (from lower than 20 to higher than 20 value). Vice versa for shorts.

Installation and trading:

This EA is a multicurrency and **is to be attached to the only one chart of any currency pair**. It is the main EA chart and you may apply "Main EA Window.tpl" template from installation folder to get it working. You may also (not necessary) open any (or all) trading currency pairs charts for visualization and taking deal screenshots. There is "28Charts_Window.tpl" template for them. You may simply unzip installation folder and copy its content to your MQL4 folder.

EA calculates all necessary data itself and needs WUKAR_News and FFCal_WUKAR indicators only which have to be placed in MQL4\Indicators folder. Maybe you'll find useful my indicator DealOpenCloseSnapsot.ex4 for taking screenshots which I attach to each traded currency pair chart to check if each deal is opened correctly or not.

EA shows much important data on screen and type necessary data in Experts Tab Log when the deal is placed.

EA will take snapshot on each deal open event if TakeScreenShot = True. This screenshot is made for the main chart EA is attached to and may be useful to check some indicator values (ex PsyLevel DB or others) at the moment the deal is opened. Screenshots are saved in \MQL4\Files\Shots folder.

Filters Priority List:

i Common Section:

- "List   Non-Trading List filter
- "Spread"   MaxSpread filter
- "News"   Wukar News Filter Prohibits trading
- "1trade/sess"   One Trade per Session Filter
- "H4pause"   Pause after each H4 bar Filter
- "PosExist"   Position Exists Filter
- "H1BarTrade"   H1 bar Trade Filter
- "PauseMin"   Pause Filter
- "ADR"   ADR filter
- "MonstrBar"   Monster Bar Filter
- "MonstrMove"   Monster Move Filter

ii Buy/Sell Splitted Filters Section:

- "BR"   BidRatio Filter
- "BRN"   Big Round Numbers Filter
- "Pivot"   Pivot Levels Filter
- "SnR"   Support & Resistance Levels Filter
- "DOWOMNO"   DailyOpen & WeeklyOpen & MonthlyOpen Levels Filter
- "Fibo"   Fibo Levels Filter
- "M1Stoch"   M1 Stochastic Filter 80/20 showing oversold/overbought zones

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