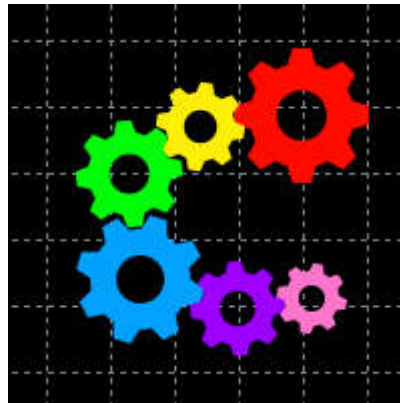


CONSTRUCTOR F.A.Q.



Advisor Constructor is a handy tool to create, test and the use of trading strategies and ideas, test on the use of specific indicators and their groups including trial versions from Market.

Most popular functions have been collected in the Constructor and algorithms which give a lot of room for creativity and imagination.

To create and test a demo version is sufficient, if you want to use in practice, then buy a license.

| CONSTRUCTOR | CONSTRUCTOR settings | | | |
|--|-----------------------|----------------|------|----------------|
| <input type="checkbox"/> averaging included | true | false | | true |
| <input type="checkbox"/> averaging only on signal | false | false | | true |
| <input type="checkbox"/> closing by opposite signal | true | false | | true |
| <input type="checkbox"/> wait opposite signal | false | false | | true |
| <input type="checkbox"/> martingale mode | arithmetic marting... | martingale off | | martingale off |
| <input type="checkbox"/> recovery mode | geometric recovery | recovery off | | recovery off |
| <input type="checkbox"/> martingale geometric progression | 0.9 | 2.0 | 0.0 | 0.0 |
| <input type="checkbox"/> martingale arithmetic progression | 1 | 1 | 0 | 0 |
| <input type="checkbox"/> step averaging | 15 | 15 | 0 | 0 |
| <input type="checkbox"/> step averaging progression | 0.0 | 1.5 | 0.0 | 0.0 |
| <input type="checkbox"/> trail bars | 15 | 15 | 0 | 0 |
| <input type="checkbox"/> lotsize | 0.01 | 0.01 | 0.01 | 0.06 |
| <input type="checkbox"/> stoploss in points | 2000.0 | 15.0 | 0.0 | 0.0 |
| <input type="checkbox"/> breakeven in points | 15 | 5 | 0 | 0 |
| <input type="checkbox"/> trailstep | 2 | 2 | 0 | 0 |
| <input type="checkbox"/> close after N ^o averaging/piraming | 2 | 3 | 0 | 0 |
| <input type="checkbox"/> slippage | 9 | 9 | 0 | 0 |
| <input type="checkbox"/> OrderMagicNumber | 1111 | 1111 | 0 | 0 |
| <input type="checkbox"/> Comment Debug | Debug 1 ind | Debug 1 ind | | Debug 1 ind |
| <input type="checkbox"/> Delete All Objects for high speed test | true | false | | true |
| <input type="checkbox"/> Inputs IND name and TF | =====... | | | |
| <input type="checkbox"/> custom indicator 1 name | CCI.ex4 | | | |
| <input type="checkbox"/> indicator 1 input tf | PERIOD M30 | | | |

Basic System Configuration

averaging included - averaging enabled.

averaging only on signal

closing by opposite signal - close at the opposite signal.

wait opposite signal - to wait for the opposite signal.

martingale mode - martingale type.

recovery mode - type of recovery.

martingale geometric progression - step exponentially.

martingale arithmetic progression - step arithmetic progression.

step averaging - a step in the points for averaging orders.

step averaging progression - progression of steps to increase the averaging orders.

trailbars - trailing stop on the number of current minute bar.

lotsize - starting size of the lot.

stoploss in points - stop-loss points.

breakeven + step in points - breakeven + pitch in points.

trailstep - move the trailing stop.

close after N averaging - close to breakeven after a specified averaging order.

slippage

OrderMagicNumber - the magic number.

Delete All Objects for high speed test - delete the graphics for fast testing.

Comment Debug - debug comment on the screen.

Details on each item settings

averaging included - averaged or not, you can enable or disable one, having maximum impact

on the result, if you turn off the relative settings averaging system will not be taken into account.

averaging only on signal - averaged only when re-emergence of the signal in the same direction as the previous order, can be turned on or off, when on the state averaging orders will

be added only when the signal in the direction of the first order, with off grid averaging orders will

be built through exhibited pitch in points.

closing by opposite signal - when switched state will close all positions in one direction with the

appearance of the opposite signal is not dependent on the profit made or loss, off loss is only limited by stop-loss line.

wait opposite signal - when on the state of the system after closing the order or series of orders, such as buy, will be waiting for a sell signal, ignoring signals to buy.

martingale mode - type martingale orders for averaging can be arithmetic, geometric, or off, using the appropriate multiplication factors, or adding lots.

recovery mode - function recovery after the loss of the deposit - at the closing of the order or series of orders for the amount in the negative, then the next series will begin with a maximum lot of the previous series multiplied by a coefficient - the arithmetic or geometric or feature is turned off.

martingale geometric progression - exponentially step for averaging function and recovery, if less than one - working towards reduction of the lot, (multiplies the previous lot in the rate).

martingale arithmetic progression - step arithmetic progression for the averaging function and recovery (adds to the previous initial lot Lot multiplied by the coefficient).

step averaging - a step in the points for averaging orders (auto-detection 4-5 quotes).

step averaging progression - progression of steps to increase the averaging of orders, at a value of 0 - grid of orders will be built evenly across the specified step if more than 1 then each subsequent position will be opened after step multiplied by the number of orders and a factor.

trailbars - trailing stop for a minute bars, including a specified number of bars sought a minimum or maximum, and at this price goes trailing for example if the price with jumps and volatility went into N points in 15 minutes, if you specify 15 bars for the trailbars, the trailing will catch up current price with a delay of 15 minutes, in a flat trailing line will always be close to the price, when prices jump, the trailing will react with a lag to form the figure and then trailing catch up current price, and will not close the stop due to the volatility.

trailstep - trailing stop move in points, the value of the minimum change trailing level to modify the position modification is not more than 1 time per minute, so this option is not particularly critical (4-5 autodetection quotes).

lotsize - starting size of the lot, with a lack of margin used minimum lot.

stoploss in points - Stop Loss in points (auto-detection 4-5 quotes).

breakeven + step in points - trailing moves from the virtual to the real starting at this level and at this level there is closure to breakeven when the specified number of orders in the series.

close after No averaging - close order or series of orders to breakeven after the specified number of order averaging, if Set 1 - the break-even level in increments will essentially be TakeProfit position, for this reason, a separate TakeProfit is not provided in the settings.

slippage

OrderMagicNumber – the magic number.

Delete All Objects for high speed test – the function is only for the tester and is used only in the tester, remove from the chart visual objects that provide a significant increase in speed test, but to see all closed orders on the chart, you must turn off the function.

Comment Debug – debug comment, displays a summary of the work buffers specified indicator or general information on the signals of all indicators, or general information on the account, or turned off, a very necessary thing when setting up the conditions and indicators signals.

| | | | |
|---|---------------------|-------------|-------------|
| <input type="checkbox"/> Comment Debug | Debug 1 ind | Debug 1 ind | Debug 1 ind |
| <input type="checkbox"/> Delete All Objects for high speed test | OFF | false | true |
| <input type="checkbox"/> Inputs IND name and TF | Debug 1 ind | | |
| <input type="checkbox"/> custom indicator 1 name | Debug 2 ind | | |
| <input type="checkbox"/> indicator_1_input tf | Debug 3 ind | | |
| <input type="checkbox"/> custom indicator 2 name | Debug 4 ind | | |
| <input type="checkbox"/> indicator_2_input tf | Debug 5 ind | | |
| <input type="checkbox"/> custom indicator 3 name | Debug 6 ind | | |
| <input type="checkbox"/> indicator_3_input tf | Debug 7 ind | | |
| <input type="checkbox"/> custom indicator 4 name | Debug 8 ind | | |
| <input type="checkbox"/> indicator_4_input tf | Debug 9 ind | | |
| <input type="checkbox"/> custom indicator 5 name | Debug 10 ind | | |
| <input type="checkbox"/> indicator_5_input tf | Show all signals | | |
| <input type="checkbox"/> custom indicator 6 name | Show Balance, Equit | | |
| <input type="checkbox"/> indicator_6_input tf | NOT SET | | |
| <input type="checkbox"/> custom indicator 7 name | | | |
| <input type="checkbox"/> indicator_7_input tf | NOT SET | | |
| <input type="checkbox"/> custom indicator 8 name | | | |
| <input type="checkbox"/> indicator_8_input tf | NOT SET | | |
| <input type="checkbox"/> custom indicator 9 name | | | |
| <input type="checkbox"/> indicator_9_input tf | NOT SET | | |
| <input type="checkbox"/> custom indicator 10 name | | | |
| <input type="checkbox"/> indicator_10_input tf | NOT SET | | |
| <input type="checkbox"/> Sintetic IND 0 link buffers inputs | | | |

Indicators processing module

The main value of the advisor is able to work with 10 different external indicators and the ability to capture the conditions of the indicator buffers 70 blocks and 10 blocks of predefined buffers zero artificial indicator.

For the formation of the conditions to the input used blocks call indicator buffers for each indicator allocated 7 blocks paging indicator buffers to which they relate, the minimum condition is formed of two blocks, the maximum condition is limited by the total number of blocks (70 units), the unit can be active and give signal or passive and give only the data from the buffer to the other blocks (10 blocks of predefined zero indicator can only serve to provide data for other blocks).

If you do not specify the name of the indicator, or a working timeframe, the blocks that belong to it are ignored during processing and calculations. If you do not specify the indicator settings or settings are not specified all, for the missing variables system used default settings specified indicator.

Indicator name is specified in full as the file name, and the file must be located in the MT terminal indicators folder.

| | |
|---|------------------|
| <input type="checkbox"/> Inputs IND name and TF | =====... |
| <input type="checkbox"/> custom indicator 1 name | CCI.ex4 |
| <input type="checkbox"/> indicator_1_input tf | PERIOD M30 |
| <input type="checkbox"/> custom indicator 2 name | Stochastic.ex4 |
| <input type="checkbox"/> indicator_2_input tf | PERIOD M30 |
| <input type="checkbox"/> custom indicator 3 name | |
| <input type="checkbox"/> indicator_3_input tf | NOT SET |
| <input type="checkbox"/> custom indicator 4 name | |
| <input type="checkbox"/> indicator_4_input tf | NOT SET |
| <input type="checkbox"/> custom indicator 5 name | |
| <input type="checkbox"/> indicator_5_input tf | NOT SET |
| <input type="checkbox"/> custom indicator 6 name | |
| <input type="checkbox"/> indicator_6_input tf | NOT SET |
| <input type="checkbox"/> custom indicator 7 name | |
| <input type="checkbox"/> indicator_7_input tf | NOT SET |
| <input type="checkbox"/> custom indicator 8 name | |
| <input type="checkbox"/> indicator_8_input tf | NOT SET |
| <input type="checkbox"/> custom indicator 9 name | |
| <input type="checkbox"/> indicator_9_input tf | NOT SET |
| <input type="checkbox"/> custom indicator 10 name | |
| <input type="checkbox"/> indicator_10_input tf | NOT SET |
| <input type="checkbox"/> Sintetic IND 0 link buffers inputs | =====... |
| <input type="checkbox"/> indicator_0_buffer0 | 0.0 0.0 0.0 0.0 |
| <input type="checkbox"/> indicator_0_buffer1 | 50.0 0.0 0.0 0.0 |

Called indicators usually have no more than 7 buffers in the EA for each indicator allocated 7 blocks, but it is a conditional limitation, and not necessarily to try to fit the signal to buy and a sell in these 7 blocks, and do not necessarily constitute the conditions on both sides of each indicator, because the signal is generated from blocks, instead of the indicators can be identified for example to give a signal in one direction and the other in another direction.

Blocks - a basic element for generating a signal, consists of:

indicator_1_buffer0 type signal - signal type block, the signal has several variants:

NO SIGNAL indicates that the buffer is not involved as a signal but can provide data for other blocks as a passive buffer data.

I b > I # N b # B-BUY is a comparison of the current block with the block number B indicator number N and in the case of the condition (the current block is greater than the specified) generates a signal to buy.

I b < I # N b # B-BUY if condition (less than the current block) generates a signal to buy.

I b > I # N b # B-SELL when the condition (the current block is greater than the specified) generated a sell signal on.

I b < I # N b # B-SELL if condition (less than the current block) generates a signal to sell.

I b == I # N b # B-BUY when the condition (the current block is equal to the specified) generates a signal to buy.

I b == I # N b # B-SELL when the condition (the current block is equal to the specified) generated a sell signal on.

custom indicator_1_buffer0 - number of called indicator buffer, usually from 0 to 7.

shift bar indicator_1_buffer0 - shift back if 0 - the data from the current bar, 1 - data from the previous bar, and so on.

N link to number ind (0 -...- 10) - link to the indicator number, from 0 to 10 inclusive.

B link to number ind buffer (0 -...- 10) - link to the buffer number of the above indicator, an indication of the indicator number and block number to associate the current block with any of the 80 blocks (70 blocks of indicators, and predefined blocks 10) .

| | | | | |
|---|-------------------|----|---|---|
| <input type="checkbox"/> indicator_1_buffer0 type signal | I b >I#N b#B-SE | | | |
| <input type="checkbox"/> custom indicator_1_buffer0 | NO SIGNAL | -1 | 0 | 0 |
| <input type="checkbox"/> shift bar indicator_1_buffer0 | I b >I#N b#B-BUY | 0 | 0 | 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | I b <I#N b#B-BUY | -1 | 1 | 4 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | I b <I#N b#B-SELL | -1 | 0 | 0 |
| <input type="checkbox"/> indicator_1_buffer1 type signal | I b <I#N b#B-BUY | | | |
| <input type="checkbox"/> custom indicator_1_buffer1 | 0 | -1 | 0 | 0 |
| <input type="checkbox"/> shift bar indicator_1_buffer1 | 1 | 0 | 0 | 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | 0 | -1 | 0 | 0 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | 4 | -1 | 0 | 0 |
| <input type="checkbox"/> indicator_1_buffer2 type signal | I b >I#N b#B-BUY | | | |
| <input type="checkbox"/> custom indicator_1_buffer2 | 0 | -1 | 0 | 0 |
| <input type="checkbox"/> shift bar indicator_1_buffer2 | 1 | 0 | 0 | 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | 1 | -1 | 0 | 0 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | 3 | -1 | 0 | 0 |
| <input type="checkbox"/> indicator_1_buffer3 type signal | NO SIGNAL | | | |
| <input type="checkbox"/> custom indicator_1_buffer3 | 0 | -1 | 0 | 0 |
| <input type="checkbox"/> shift bar indicator_1_buffer3 | 2 | 0 | 0 | 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | -1 | -1 | 0 | 0 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | -1 | -1 | 0 | 0 |

Specific examples of the conditions of the blocks in the basic indicators:

For example, consider IMA indicator is an external indicator representing a simple moving average, an indicator can be replaced by any other similar indicator.

| | | | | |
|--|----------------|--|--|--|
| <input type="checkbox"/> custom indicator 1 name | CCI.ex4 | | | |
| <input type="checkbox"/> indicator_1_input tf | PERIOD M15 | | | |
| <input type="checkbox"/> custom indicator 2 name | Stochastic.ex4 | | | |
| <input type="checkbox"/> indicator_2_input tf | PERIOD M15 | | | |
| <input type="checkbox"/> custom indicator 3 name | IMA.ex4 | | | |
| <input type="checkbox"/> indicator_3_input tf | PERIOD M15 | | | |

For Indicator IMA we can generate several conditions, the indicator has only one buffer number 0 because it draws a line.

Example №1 (the current bar is higher or lower than the previous bar), a condition in which the two sides will consist of 3 blocks, all blocks call 0 buffer indicator.

| | | | | | | |
|--------------------------|---------------------------------------|--------------------|----|---|---|--|
| <input type="checkbox"/> | indicator_3_buffer0 type signal | I b > I#N b#B-BUY | | | | |
| <input type="checkbox"/> | custom indicator_3_buffer0 | 0 | -1 | 0 | 0 | |
| <input type="checkbox"/> | shift bar indicator_3_buffer0 | 0 | 0 | 0 | 0 | |
| <input type="checkbox"/> | N link to number ind (0...-10) | 3 | -1 | 0 | 0 | |
| <input type="checkbox"/> | B link to number ind buffer (0...-10) | 1 | -1 | 0 | 0 | |
| <input type="checkbox"/> | indicator_3_buffer1 type signal | NO SIGNAL | | | | |
| <input type="checkbox"/> | custom indicator_3_buffer1 | 0 | -1 | 0 | 0 | |
| <input type="checkbox"/> | shift bar indicator_3_buffer1 | 1 | 0 | 0 | 0 | |
| <input type="checkbox"/> | N link to number ind (0...-10) | -1 | -1 | 0 | 0 | |
| <input type="checkbox"/> | B link to number ind buffer (0...-10) | -1 | -1 | 0 | 0 | |
| <input type="checkbox"/> | indicator_3_buffer2 type signal | I b < I#N b#B-SELL | | | | |
| <input type="checkbox"/> | custom indicator_3_buffer2 | 0 | -1 | 0 | 0 | |
| <input type="checkbox"/> | shift bar indicator_3_buffer2 | 0 | 0 | 0 | 0 | |
| <input type="checkbox"/> | N link to number ind (0...-10) | 3 | -1 | 0 | 0 | |
| <input type="checkbox"/> | B link to number ind buffer (0...-10) | 1 | -1 | 0 | 0 | |

In the picture above:

Block 0 - condition - the current block is larger than the specified - a buy signal, link to the specified block - Ind 3 block 1.

Block 1 has no signal, but provides data from the indicator buffer 0, shift 1.

Block 2 - condition - the current block is less than this - a sell signal, link to the specified block - Ind 3 block 1.

The signal exists until condition holds.

Example №2 (upper and lower peaks) to add to the previous example 2 more blocks and has already received more stringent condition, the signal when the conditions exist for one bar. Conditions in both directions consists of 5 blocks.

| | | | | |
|--|--------------------|----|---|---|
| indicator_3_buffer0 type signal | I b > I#N b#B-BUY | | | |
| custom indicator_3_buffer0 | 0 | -1 | 0 | 0 |
| shift bar indicator_3_buffer0 | 1 | 0 | 0 | 0 |
| N link to number ind (0-...-10) | 3 | -1 | 0 | 0 |
| B link to number ind buffer (0-...-10) | 1 | -1 | 0 | 0 |
| indicator_3_buffer1 type signal | I b < I#N b#B-BUY | | | |
| custom indicator_3_buffer1 | 0 | -1 | 0 | 0 |
| shift bar indicator_3_buffer1 | 2 | 0 | 0 | 0 |
| N link to number ind (0-...-10) | 3 | -1 | 0 | 0 |
| B link to number ind buffer (0-...-10) | 2 | -1 | 0 | 0 |
| indicator_3_buffer2 type signal | NO SIGNAL | | | |
| custom indicator_3_buffer2 | 0 | -1 | 0 | 0 |
| shift bar indicator_3_buffer2 | 3 | 0 | 0 | 0 |
| N link to number ind (0-...-10) | -1 | -1 | 0 | 0 |
| B link to number ind buffer (0-...-10) | -1 | -1 | 0 | 0 |
| indicator_3_buffer3 type signal | I b > I#N b#B-SELL | | | |
| custom indicator_3_buffer3 | 0 | -1 | 0 | 0 |
| shift bar indicator_3_buffer3 | 2 | 0 | 0 | 0 |
| N link to number ind (0-...-10) | 3 | -1 | 0 | 0 |
| B link to number ind buffer (0-...-10) | 2 | -1 | 0 | 0 |
| indicator_3_buffer4 type signal | I b < I#N b#B-SELL | | | |
| custom indicator_3_buffer4 | 0 | -1 | 0 | 0 |
| shift bar indicator_3_buffer4 | 1 | 0 | 0 | 0 |
| N link to number ind (0-...-10) | 3 | -1 | 0 | 0 |
| B link to number ind buffer (0-...-10) | 3 | -1 | 0 | 0 |

In the picture above:

Block 0 - condition - the current block (shift 1) larger than the specified - buy signal, link to the specified block - Ind 3 block 1.

Block 1 - condition - the current block (shift 2) is less than this - buy signal, link to the specified block - Ind 3 block 2.

Block 2 - does not signal, but provides data (shift 3) from the indicator buffer 0.

Block 3 - condition - the current block (shift 2) is greater than the specified - a sell signal, link to the specified block - Ind 3 block 2.

Block 4 - the condition - the current block (shift 1) is less than this - a sell signal, link to the specified block - Ind 3 block 3.

Example №3 (associate block with the price) constructor has 10 predefined passive blocks, two of which written current price of the ask and bid, other 8 blocks, you can fill in necessary parameters.

| | | | | |
|---|----------|-----|-----|-----|
| <input type="checkbox"/> Sintetic IND 0 link buffers inputs | =====... | | | |
| <input type="checkbox"/> indicator_0_buffer0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <input type="checkbox"/> indicator_0_buffer1 | 90.0 | 0.0 | 0.0 | 0.0 |
| <input type="checkbox"/> indicator_0_buffer2 | 10.0 | 0.0 | 0.0 | 0.0 |
| <input type="checkbox"/> indicator_0_buffer3 | 100.0 | 0.0 | 0.0 | 0.0 |
| <input type="checkbox"/> indicator_0_buffer4 | -100.0 | 0.0 | 0.0 | 0.0 |
| <input type="checkbox"/> indicator_0_buffer5 | 0.0 | 0.0 | 0.0 | 0.0 |
| <input type="checkbox"/> indicator_0_buffer6 | 0.0 | 0.0 | 0.0 | 0.0 |
| <input type="checkbox"/> indicator_0_buffer7 | 0.0 | 0.0 | 0.0 | 0.0 |
| <input type="checkbox"/> indicator_0_buffer8 | 0.0 | 0.0 | 0.0 | 0.0 |
| <input type="checkbox"/> indicator_0_buffer9 Ask | Ask | | | |
| <input type="checkbox"/> indicator_0_buffer10 Bid | Bid | | | |

Create a simple condition - if the price is below the moving average then buy and vice versa if the above - the sell, this would require 2 block, the condition starts with a block call indicator, and the indicator is compared with the price, rather than thereverse.

| | | | | |
|---|--------------------|----|---|---|
| <input type="checkbox"/> indicator_3_buffer0 type signal | I b > I#N b#B-BUY | | | |
| <input type="checkbox"/> custom indicator_3_buffer0 | 0 | -1 | 0 | 0 |
| <input type="checkbox"/> shift bar indicator_3_buffer0 | 0 | 0 | 0 | 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | 0 | -1 | 0 | 0 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | 9 | -1 | 0 | 0 |
| <input type="checkbox"/> indicator_3_buffer1 type signal | I b < I#N b#B-SELL | | | |
| <input type="checkbox"/> custom indicator_3_buffer1 | 0 | -1 | 0 | 0 |
| <input type="checkbox"/> shift bar indicator_3_buffer1 | 0 | 0 | 0 | 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | 0 | -1 | 0 | 0 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | 10 | -1 | 0 | 0 |

In the pictures above:

It can be seen that use 2 block is actually used 4 blocks, 2 active and 2 passive predefined block of synthetic zero indicator.

Block 0 - condition - the current block is larger than the specified - Ind 0 block 9 - a signal to buy when the moving average with shift 0 is above the price.

Block 1 - condition - the current block is less than the specified - Ind 0, block 10 - a sell signal on when the moving average with shift 0 is lower than the price.

Example №4 (associate two indicators the IMA, and the condition is their intersection) short moving average crosses the long from top to bottom for a sell, and from the bottom up to buy, to do so we need 5 blocks.

| | |
|--|------------|
| <input type="checkbox"/> Inputs IND name and TF | =====... |
| <input type="checkbox"/> custom indicator 1 name | IMA.ex4 |
| <input type="checkbox"/> indicator_1_input tf | PERIOD M15 |
| <input type="checkbox"/> custom indicator 2 name | IMA.ex4 |
| <input type="checkbox"/> indicator_2_input tf | PERIOD M15 |

You can set different time frames indicators, not necessarily that all of them were in the same timeframe.

| | |
|---|----------|
| <input type="checkbox"/> IND 1 inputs parametr | =====... |
| <input type="checkbox"/> indicator_1_settings | 14,0,SMA |
| <input type="checkbox"/> IND 1 buffers parametr | =====... |

Settings Indicator separated by commas, in the same order as in the initial indicator, the constructor has the automatic recognition of the most common letter abbreviations instead of SMA can specify the serial number in the language mql is 0 if the constructor can not recognize the literal expression he will put a value on default.

| | |
|---|----------|
| <input type="checkbox"/> IND 2 inputs parametr | =====... |
| <input type="checkbox"/> indicator_2_settings | 60,0,SMA |
| <input type="checkbox"/> IND 2 buffers parametr | =====... |

We form crossing condition indicators - Ind 1 - short moving average, Ind 2 - long moving average.

| | |
|---|-------------------|
| <input type="checkbox"/> | =====... |
| <input type="checkbox"/> indicator_1_buffer0 type signal | I b <I#N b#B-SELL |
| <input type="checkbox"/> custom indicator_1_buffer0 | 0 -1 0 0 |
| <input type="checkbox"/> shift bar indicator_1_buffer0 | 1 0 0 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | 2 -1 1 4 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | 0 -1 0 0 |
| <input type="checkbox"/> | =====... |
| <input type="checkbox"/> indicator_1_buffer1 type signal | I b >I#N b#B-SELL |
| <input type="checkbox"/> custom indicator_1_buffer1 | 0 -1 0 0 |
| <input type="checkbox"/> shift bar indicator_1_buffer1 | 2 0 0 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | 2 -1 0 0 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | 0 -1 0 0 |
| <input type="checkbox"/> | =====... |
| <input type="checkbox"/> indicator_1_buffer2 type signal | I b >I#N b#B-BUY |
| <input type="checkbox"/> custom indicator_1_buffer2 | 0 -1 0 0 |
| <input type="checkbox"/> shift bar indicator_1_buffer2 | 1 0 0 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | 2 -1 0 0 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | 0 -1 0 0 |
| <input type="checkbox"/> | =====... |
| <input type="checkbox"/> indicator_1_buffer3 type signal | I b <I#N b#B-BUY |
| <input type="checkbox"/> custom indicator_1_buffer3 | 0 -1 0 0 |
| <input type="checkbox"/> shift bar indicator_1_buffer3 | 2 0 0 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | 2 -1 0 0 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | 0 -1 0 0 |
| <input type="checkbox"/> | =====... |

| | | | | |
|---|-----------|----|---|---|
| <input type="checkbox"/> indicator_2_buffer0 type signal | NO SIGNAL | | | |
| <input type="checkbox"/> custom indicator_2_buffer0 | 0 | -1 | 0 | 0 |
| <input type="checkbox"/> shift bar indicator_2_buffer0 | 1 | 0 | 0 | 0 |
| <input type="checkbox"/> N link to number ind (0-...-10) | -1 | -1 | 0 | 0 |
| <input type="checkbox"/> B link to number ind buffer (0-...-10) | -1 | -1 | 0 | 0 |

The pictures above - Ind 1 has 4 active unit, Ind 2 is a passive block 1, crossing the condition - one block below the specified, the other above and vice versa.

Ind 1 Block 0 - condition - the current block with shift 1 below the specified ind 2 block 0, the signal to a sell.

Ind 1 Block 1 - condition - the current block with shift 2 above the specified Ind 2 block 0, the signal to a sell.

Ind 1 Block 2 - condition - the current block with shift 1 above the specified Ind 2 block 0, the signal to a buy.

Ind 1 Block 2 - condition - the current block with shift 2 below the specified ind 2 block 0, the signal to a buy.

Ind 2 Block 0 - has no signal, provides data of 0 buffer (shift 1).

If you use any indicators, arrows or news, before using is recommended to check what data they are transferred to the buffers Indicator, using the Debug comments to better understand how the data is used to create a signal of the blocks, it should also take into account that all the blocks with the signal to buy or on the sell signals only will all together raising the flag when their conditions are have worked, there is no condition (or ||), only (and &&) for the blocks, but it is now ...