Summary: FALCON\_A Robot - Learning from successes and mistakes

ส่วน 7, การบรรยาย 35

Falcon A trading robot

(video lectures will be created)

**Main idea:**

This trading robot designed to find best parameters to trade using strategy tester. It is conducting series of trades and associate trading results. Finally the algorithm is calculating probability of winning the trade based on a current status of the indicator

**Where it is stored:**

[Repository for Falcon\_A trading robot](https://github.com/vzhomeexperiments/FALCON_A)

**Status:**

Trading robot should be working (in principle) however the right functionality was not verified

**How to use:**

This trading robot can be used together with DSS. E.g. It can be deployed to charts in Terminal 1 and the same in Terminal3. In order to set up the robot following procedure must be conducted:

* Go to Strategy Tester of the Terminal 2
* Set up magic number id for intended system [e.g. 8132101] see parameter setup in this file: [set\_test.set](https://github.com/vzhomeexperiments/FALCON_A/blob/master/set_test.set)
* Set up parameter Base = True.
* Select time period for simulation [e.g.: Today - 2 month]
* Set up Spread to be 3 (low value)
* Set parameter MaxPositionsAllowed = 25
* Set lots parameter to be 0.01
* Start trades simulation on M15 chart
* Then change parameter Base = False
* Run simulation again [results should be improved]
* Finally copy/paste file(s) ...
  + C:\Program Files (x86)\FxPro - Terminal1\tester\files\Sell\_Position8132101.dat and
  + C:\Program Files (x86)\FxPro - Terminal1\tester\files\Buy\_Position8132101.dat
* ... to the 'sandboxes' of the terminals:
  + C:\Program Files (x86)\FxPro - Terminal1\MQL4\Files
  + C:\Program Files (x86)\FxPro - Terminal3\MQL4\Files
* ... use script [**\_CopyDATFilesToProd.bat**](https://github.com/vzhomeexperiments/FALCON_A/blob/master/_CopyDATFilesToProd.bat)to automatically  copy/paste files after batch of files are generated
* ... Upon updating files they could be replaced however the platforms Terminal 1 and Terminal 3 must be restarted
* Deploy robot Falcon\_A to the charts in the Terminal 1 and 3
  + Set up parameter MaxPositionsAllowed = 1, see parameter setup in this file: [set\_prod.set](https://github.com/vzhomeexperiments/FALCON_A/blob/master/set_prod.set)

Notes:

* Robots in the Terminal 3 will use Reinforcement Learning Policy to consider best market type to trade