

Introduction.....	4
Installation of Monitortool	4
Step1: download.....	4
Step2: run setup (Monitortool_windows-x64_0_XX)	5
Configuration	5
Step1: set usernameSet here a name, you can choose your own name.....	6
Step2: set emailadress	6
Step3: check portable mode	6
The Profit Tax-Calculation.....	7
The Autostart Feature.....	8
Make Metatrader4 visible for Monitortool	11
Step1: Add an Metatrader4 to the Monitortool	11
Step2: Choose Brokername.....	11
Step3: Choose Infostring.....	11
Step4: Choose Description.....	11
Step5: Choose Metatrader Dir.....	12
Step6: Choose EA Sourcedir.....	12
Step7: click Install all Eas on Demo/Realaccount	12
Step8: Start metatrader4.....	13
Installation of Strategies from StrategyQuantX.....	14
Step1: Generate strategies in SQ.....	14
Installation of Strategies from Forex StrategyBuilder Pro.....	17
Installation of Strategies from ExpertAdvisorStudio.....	17
Installation of Strategies from ExpertAdvisorStudio (Portfolio).....	18
Installation of unsupported Eas.....	18
Working with Monitortool	20
Detailed description of some functions.....	21
Show Tradelist.....	21
Show Profit	22
Compare Tradelist.....	23
Show all Profit	23
SetTradefilter.....	24
Show portfolio Profit	25
Show Results of only one Metatrader	26
Delete Eas	27
Show only installed Eas	28
The Pongcheck.....	28
Symbol Replacement	30
Step1: Edit configfile	30

Step2: Klick Replace Symbols.....	31
Step3: Start Metatrader	32
Set Lotsize.....	33
EA RandomStart	34
Configuration of Monitortool.....	34
Switch off Start/Stop Metatrader	34
<i>Appendix</i>	35
New Features.....	35
Mt5Bugfixing.....	35
EodTradingtimeRandomModification	35
Custom Comment	36
Troubleshooting	38
Can't see trades in the monitortool, but metatrader have already done trades.	38

Introduction

The Monitortool is a software to observe metatrader eas. The monitortool observe every ea and show the tradingresults in a clear form. You can compare trading results of the same ea on demo and life accounts.

Before installation it is usefull to make a backup of you metatrader directorys. This software has beta state.

Monitortool is able to install Eas generated by the StrategyQuantX, Forex Strategybuilder Pro, Expert Advisor Studio and Expert Advisor Studio (Portfolio).

If you have an EA which is not supported the Monitortool can't install the EA automatically. You can install this EA by hand. The Monitortool can observe the trades and show the results. I explain this in this documentation.

Monitortool supports at the moment **only metatrader4 EAs**

Monitortool have the follwing usecases

EA type	Install Eas automaticaly	Configure lotsize by file	Observe Trades
StrategyQuantX	yes	yes	yes
ForexStrategyBuilderPro	yes	no	yes
ExpertAdvisorStudio	yes	yes	yes
ExpertAdvisorStudio(Portfolio EAs)	yes	yes	yes
Unsupported EAs	no	No	yes

Installation of Monitortool

This chapter will show an step by step installation of Monitortool.

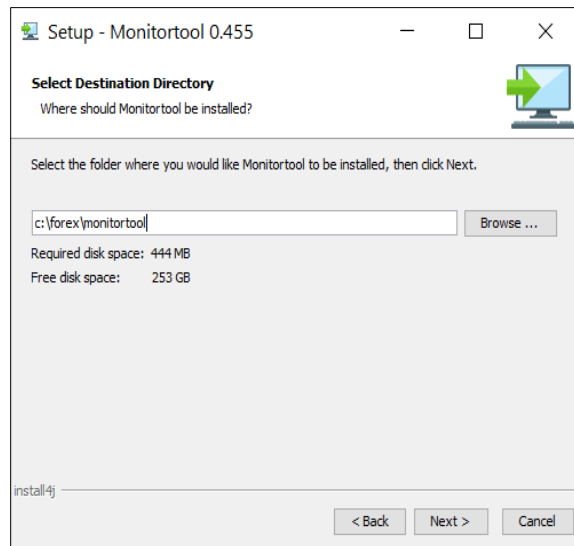
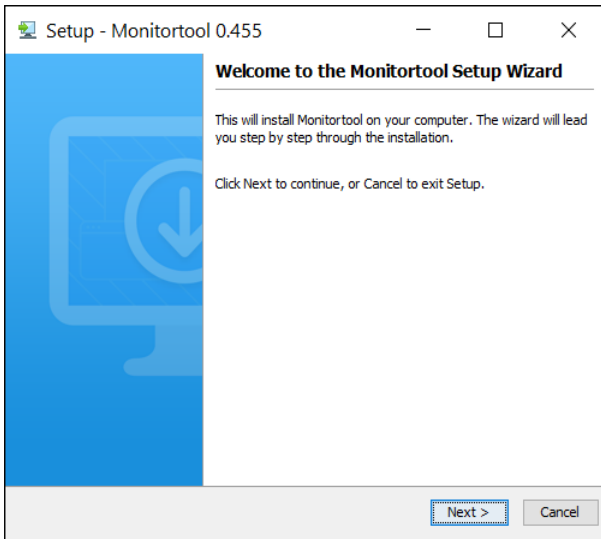
Step1: download

Load the software from the homepage

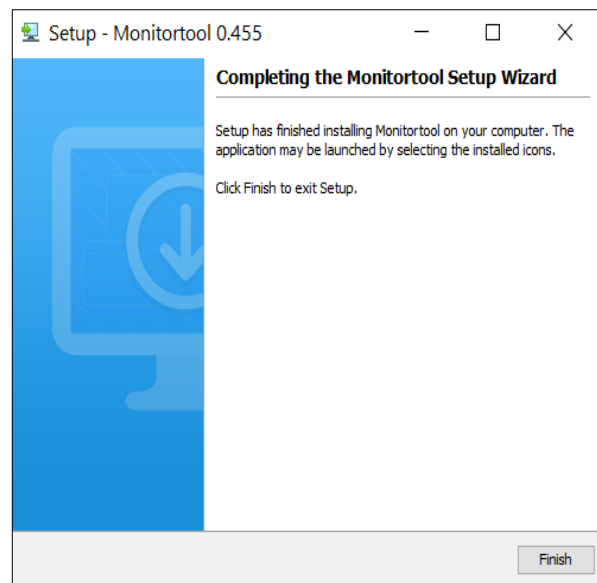
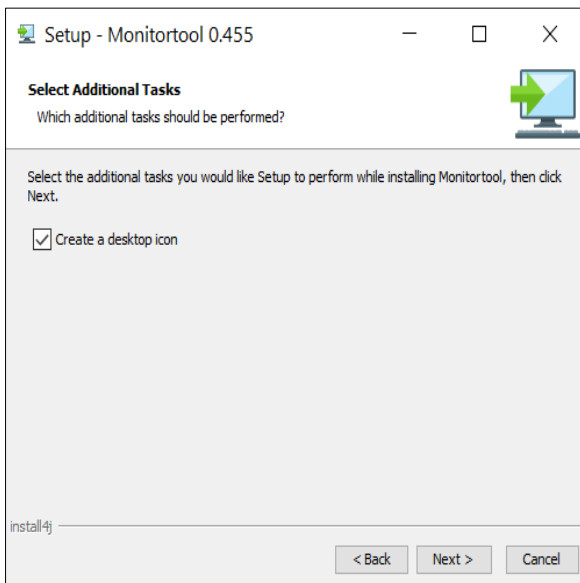
<https://monitortool.jimdofree.com/download/>



Step2: run setup (Monitortool_windows-x64_0_XX)



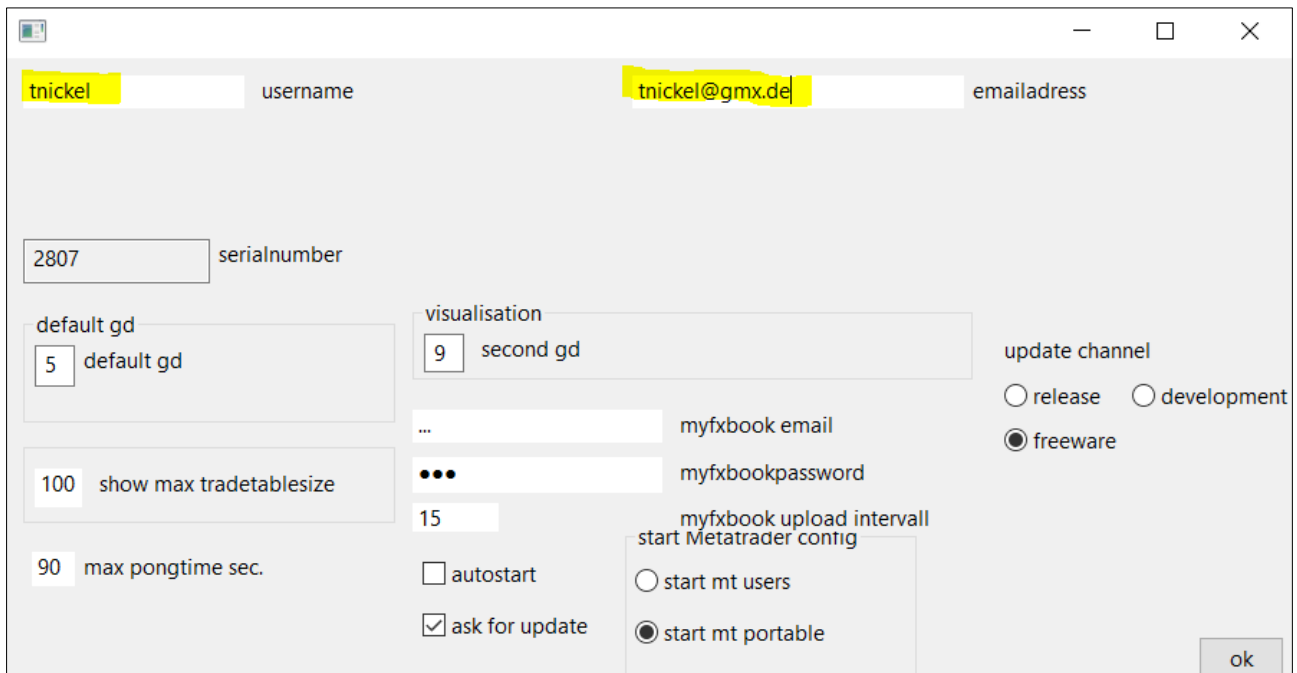
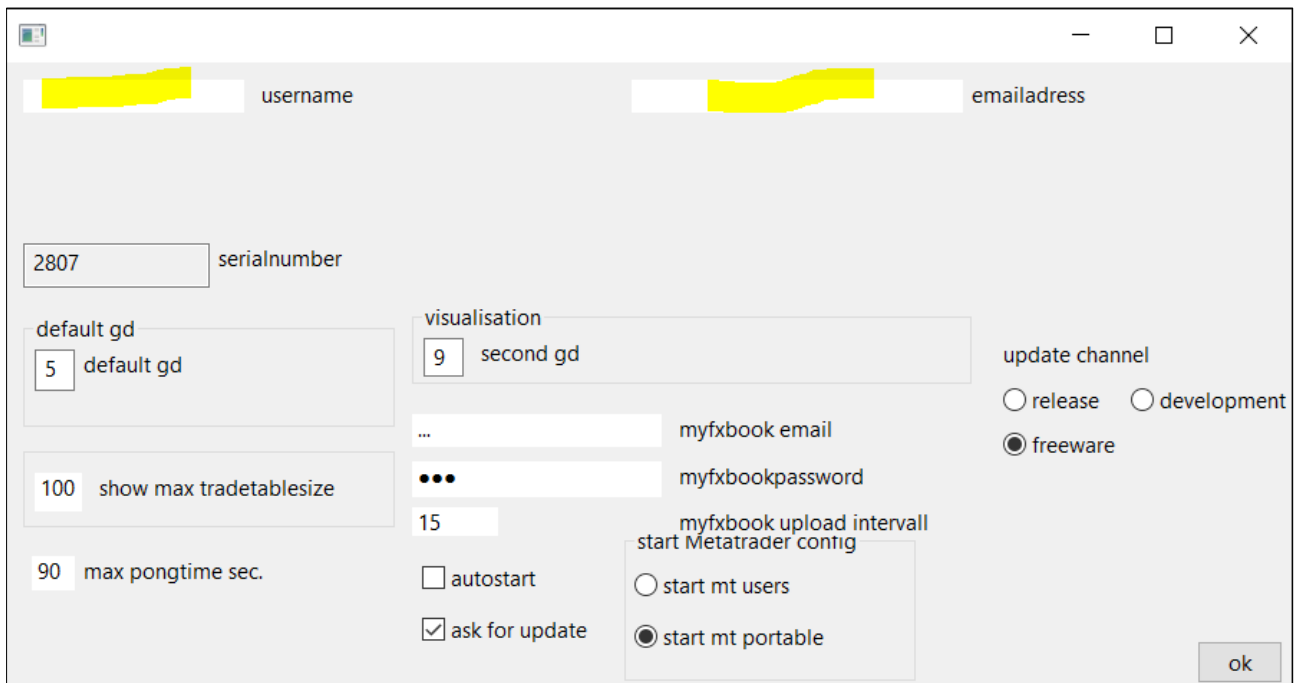
Install the software under c:\forex\monitortool and click next.



After a while the installation is finished, you can find an icon on the desktop.
=> The installation is ready now.

Configuration

The monitortool needs some configuration from you. If this is the first installation you will be informed about this by the the following window.



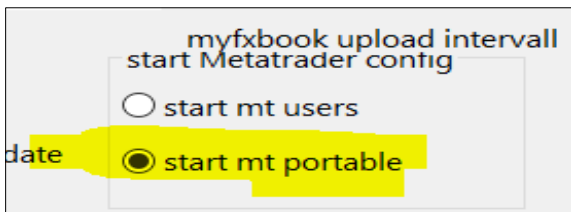
Step1: set username Set here a name, you can choose your own name.

Step2: set emailadress

Set here you emailadress

Step3: check portable mode

Check that the metatrader are started in portable mode



=> **The basic configuration is ready now.**

In the next part we want make the existing Metatrader4 visible for the Monitortool.

The Profit Tax-Calculation

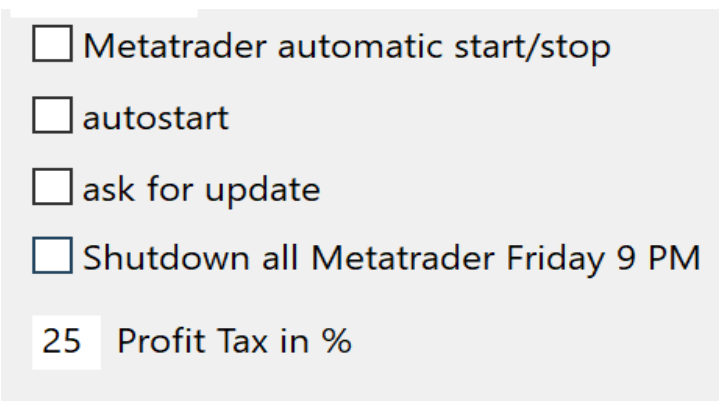


Abbildung 1: Snapshot of the config.

The Profit Tax Calculation is important for German brokers. Every profit in Germany is currently taxed at 25%. You can choose the amount of Tax in this input-field.

Explanation:

if this feature is activated, each profitable trade will be reduced by this tax portion (in %).

If you don't use this feature, you set set this value to 0.

The Autostart Feature

The new Autostart Feature start the Monitortool automaticaly if the user is logged in. Select the Selection button to get this feature in the installation procedure.

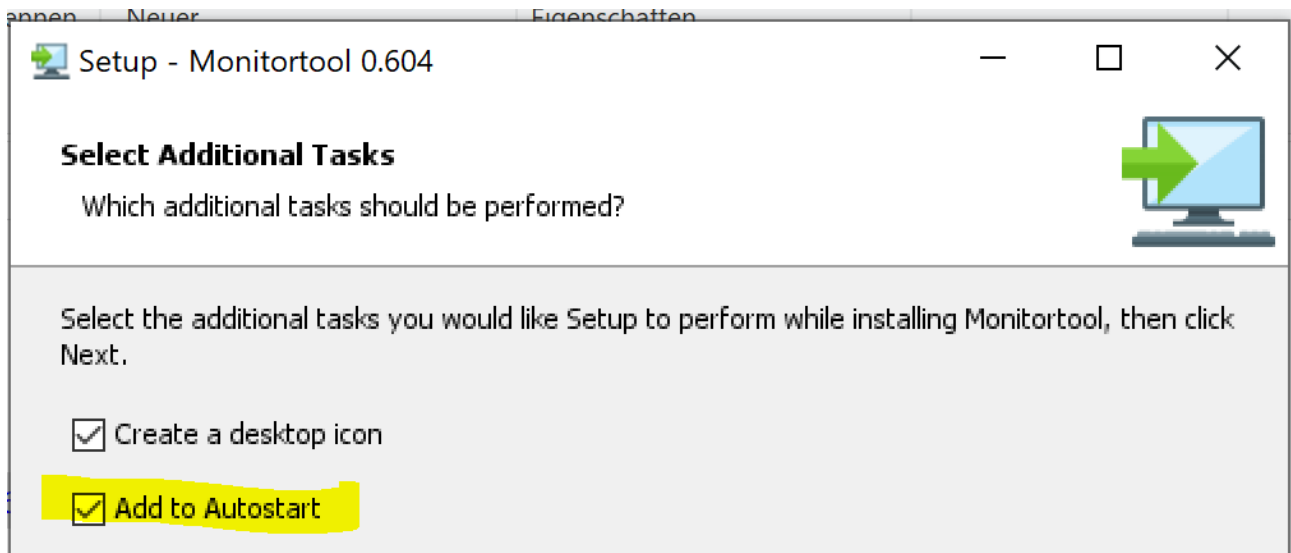
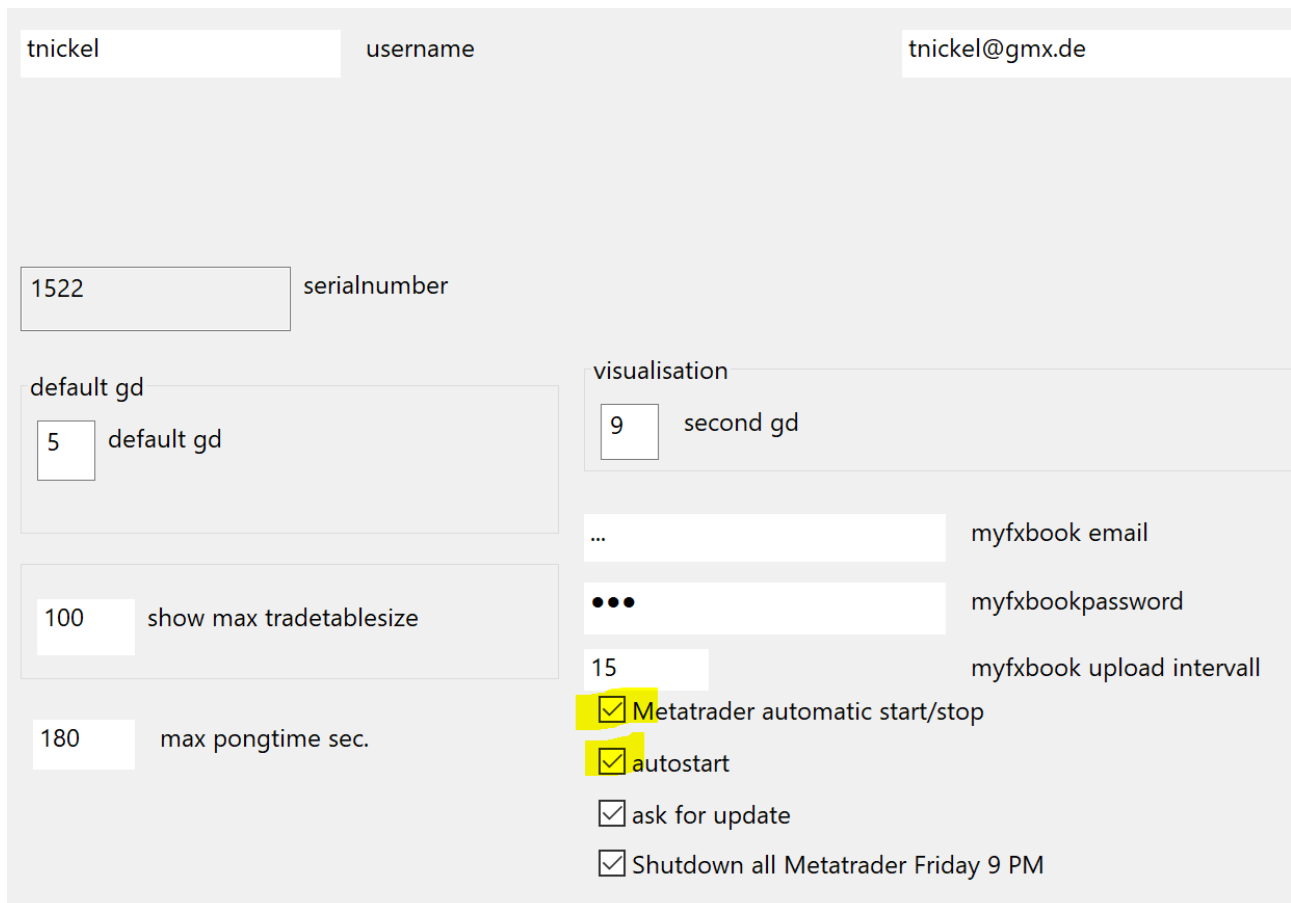


Abbildung 2: Select the checkbox "Add to Autostart" to activate this feature.

The second step is to activate the follwing check buttons to activate this feature.



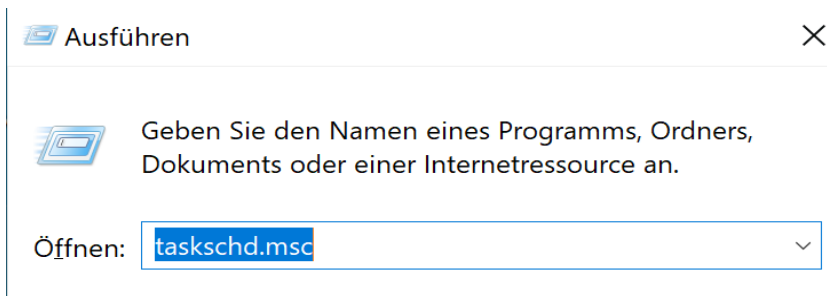
Activate "autostart" to start all Metatrader if the Monitortool is started.

The Feature "Shutdown all Metatrader on Friday 9PM" shut down all metatrader at friday 9 PM.

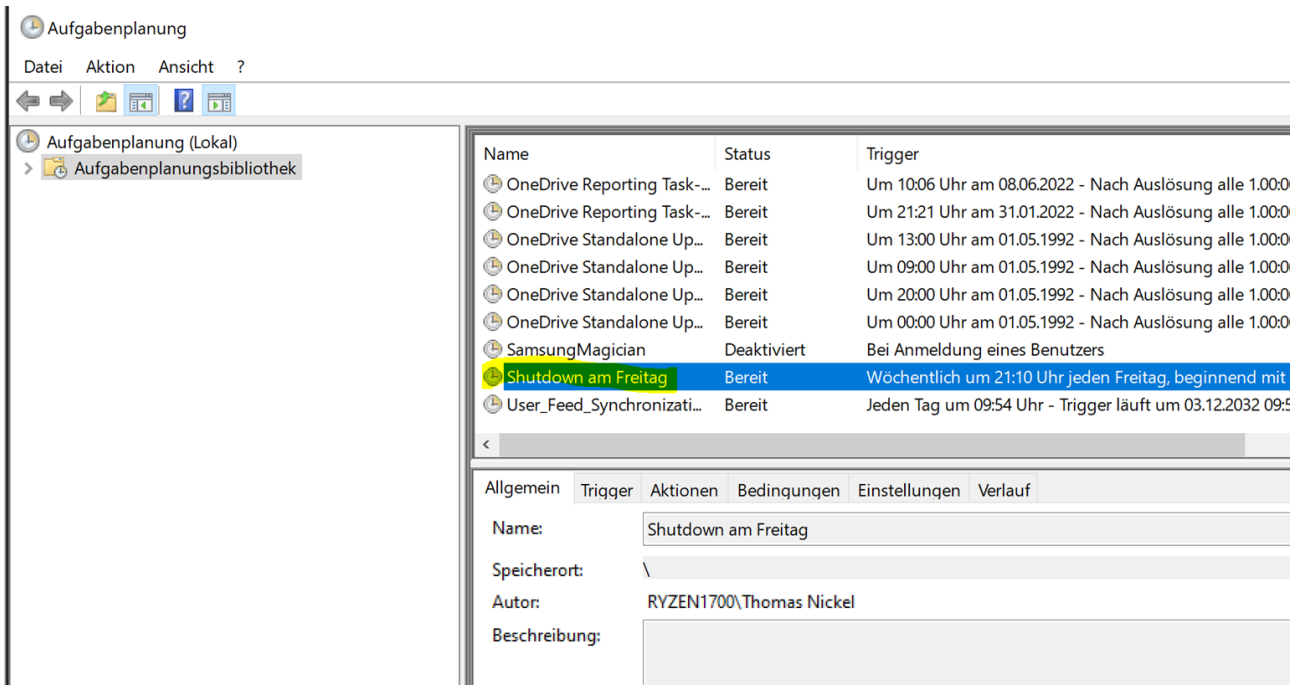
This feature is usefull if you want to shutdown all Metatrader a 9 PM.

To shutdown your computer at friday you can use “taskschd.msc”

Type Windows-key + R

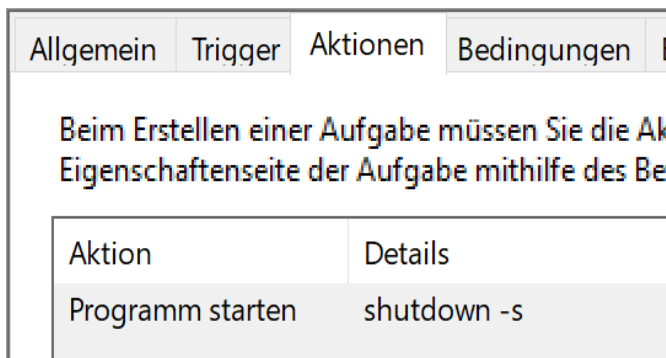


After this you get the following Window.

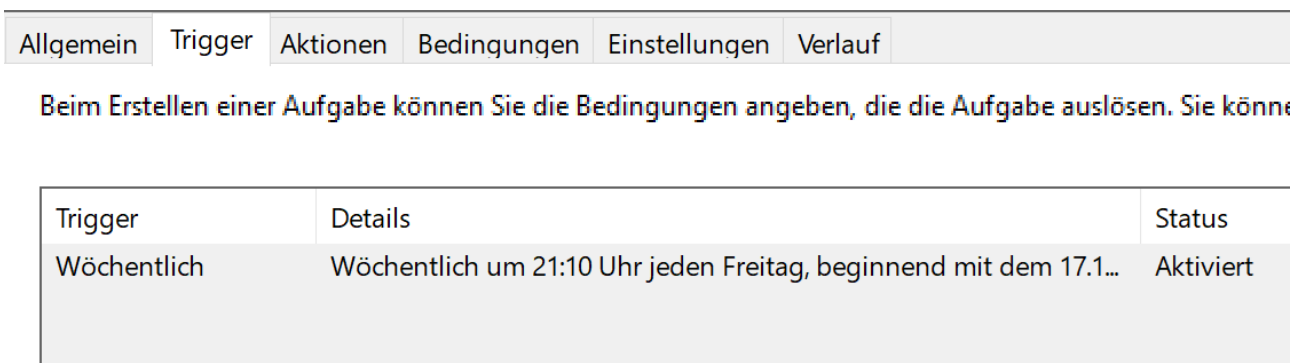


You can create a new Task “Shutdown on Friday”

Use the following action.



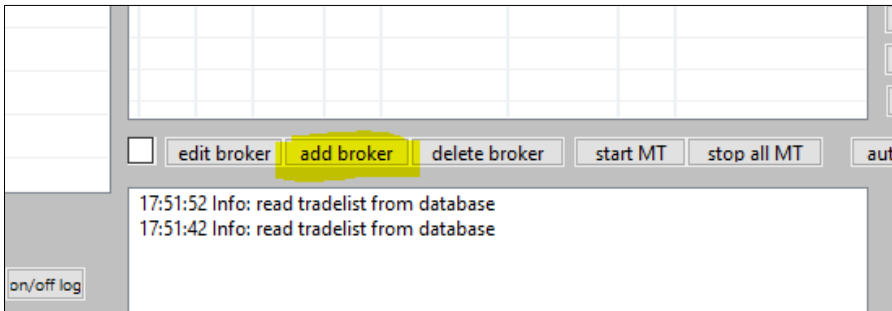
Use the following trigger.



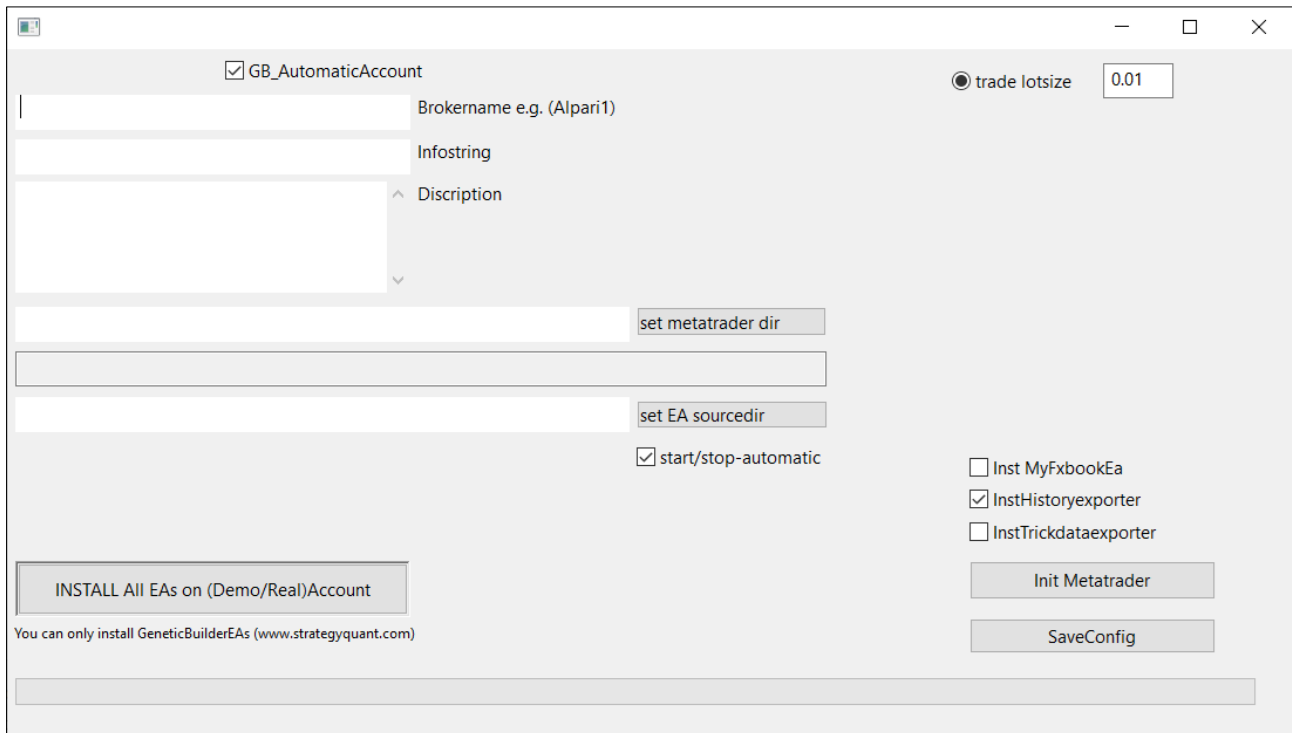
Make Metatrader4 visible for Monitortool

Step1: Add an Metatrader4 to the Monitortool

Klick button "add broker"



The following window appears.



Step2: Choose Brokername

You can choose any string for a broker name. For this example I use Tickmill.

This brokername will be shown in the overview table.

Step3: Choose Infostring

You can choose any string for infostring. This string is additional information and will be shown in the overview table.

Step4: Choose Description

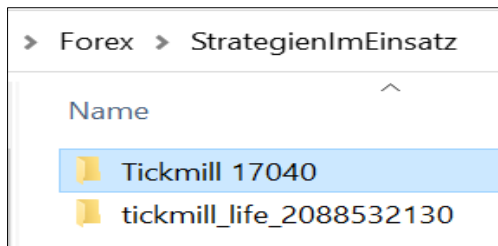
Here you can give some additional informations about the generated eas. For example if this are mean reversion eas or trend following eas etc.

Step5: Choose Metatrader Dir

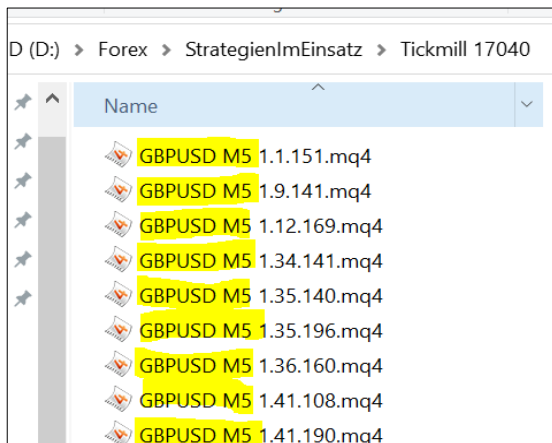
This directory contain the metatrader. Chose for this directory the directory where the metatrader4 is installed. This directory contains the metatrader.exe

Step6: Choose EA Sourcedir

This directory contains the eas exported from the Strategyquant. The best way is to choose for every metatrader4 you have installed a different directory. I will show my directories on my computer.



Tickmill 17040 contains all Eas for the tickmill broker with account.



The name for every ea should have the following name convention.

{prefix} [currency pair] [Timeframe] [magic].mq4

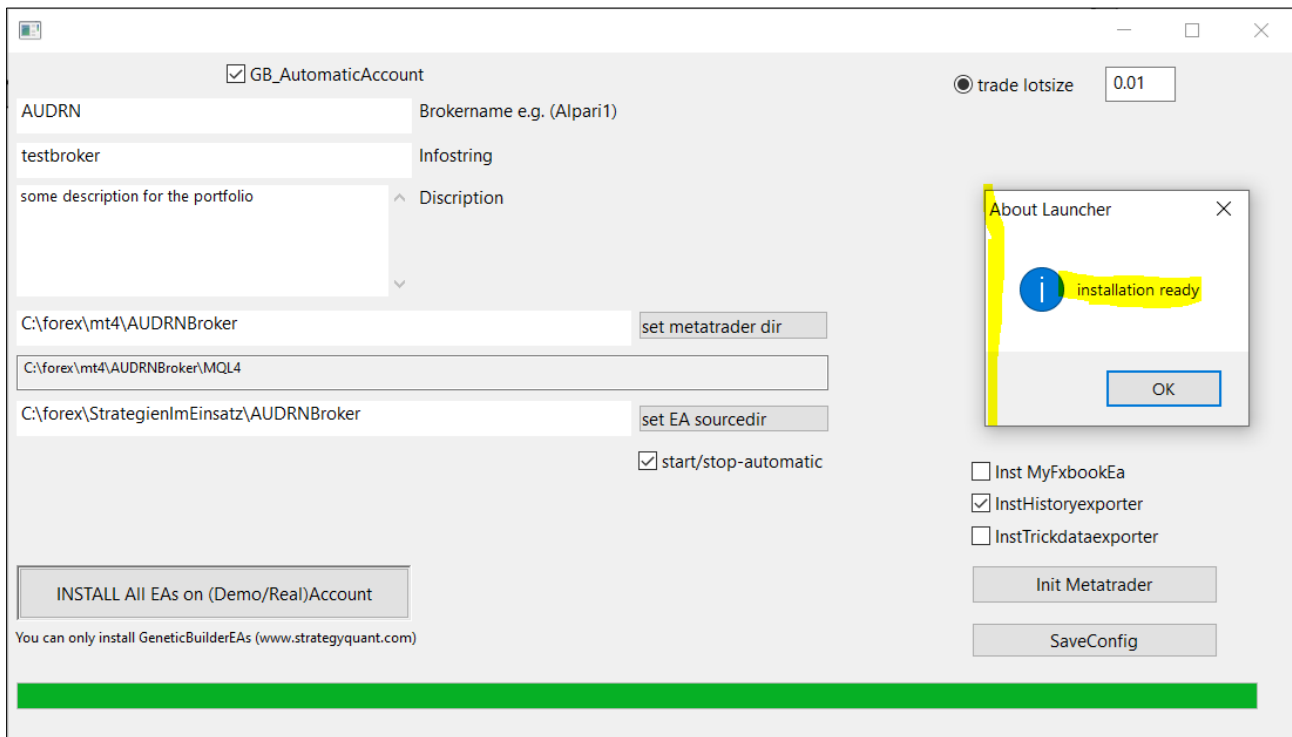
If you use multi currency pairs you should use the lowest timeframe.

I will give an example **later** how I export my strategies from Strategyquant to the "StrategienImEinsatz" directory.

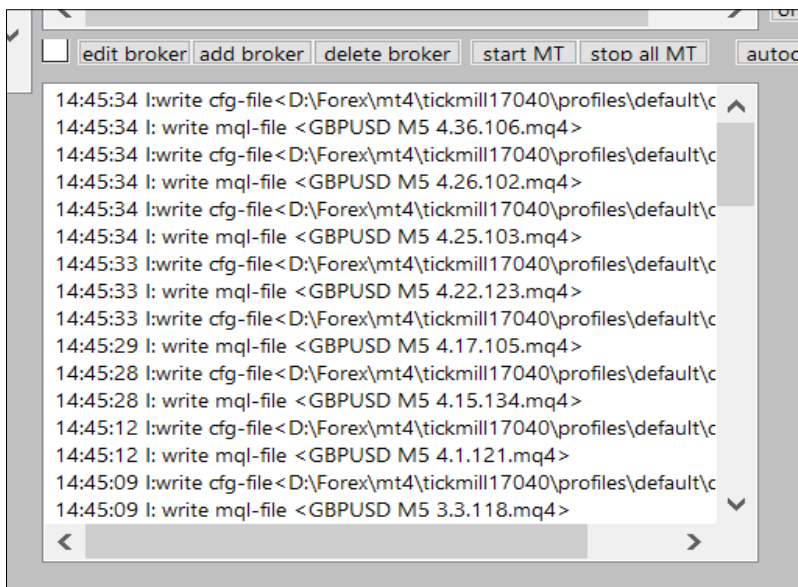
Step7: click Install all Eas on Demo/Realaccount

Klick button to install all Eas on Demo or Realaccount

If the following message comes, all is ok.



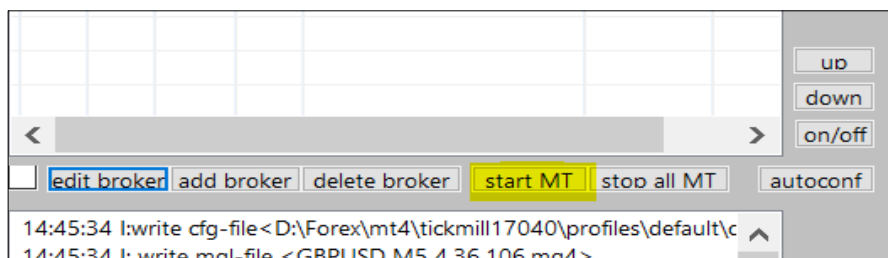
You can see the results of installation in the following window.



=> Monitortool installed all configuration and eas in metatrader4

Step8: Start metatrader4

If you click Start Mt all configured metatrader4 will be started.



=> your system is ready now

Installation of Strategies from StrategyQuantX

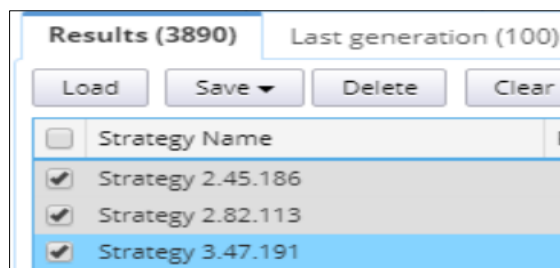
Step1: Generate strategies in SQ

Generate strategies in SQ, make backtesting and filtering

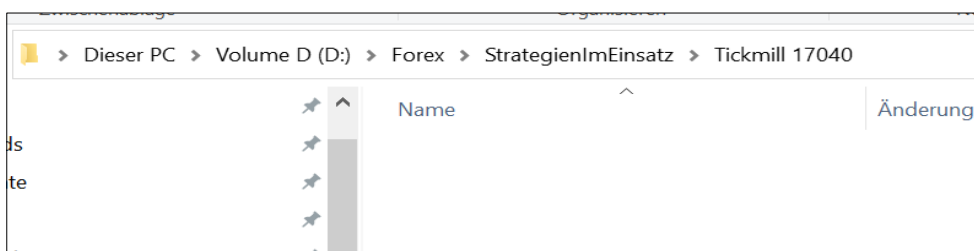
Step2: Export the strategies to folder "StrategienImEinsatz"¹

In this example I will use this three strategies for working in SQ

Select strategies.

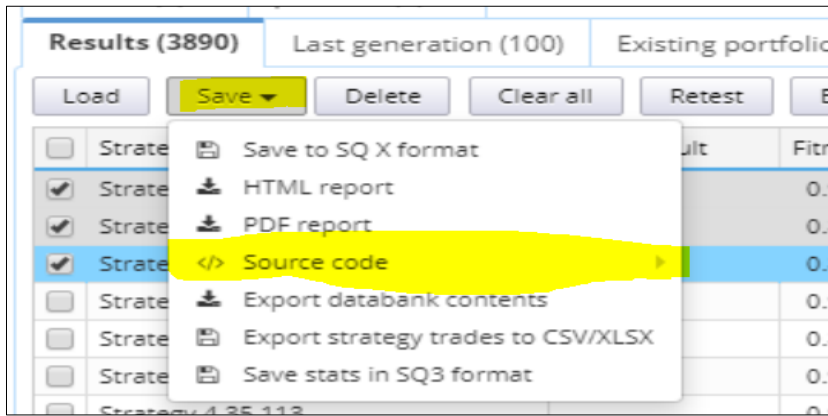


I will choose this empty directory for export.



I choose save/Source code/Expert Advisor for metatrader4 (.MQ4)

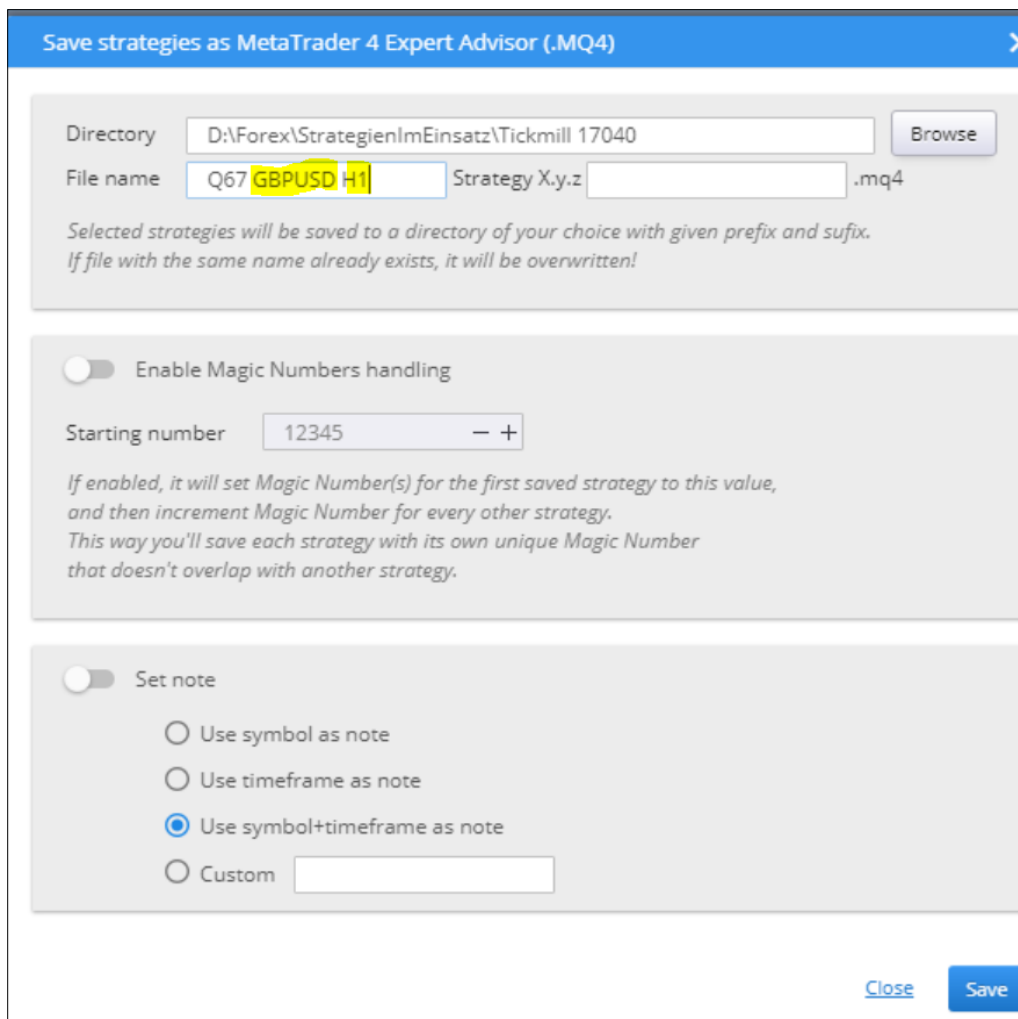
¹This are the strategies for working. Einsatz=working



Choose the following settings for export




The outputdirectory is StrategienImEinsatz\Tickmill 17040

Choose for Filename the currency pair and Timeframe



After clicking button "save" you will get the following files in the Tickmill 17040 directory.

Remark: this outputdirectory is not inside the metatrader4 installation.

> Forex > StrategienImEinsatz > Tickmill 17040	
^	
Name	
	Q67 GBPUSD H1Strategy 2.45.186.mq4
	Q67 GBPUSD H1Strategy 2.82.113.mq4
	Q67 GBPUSD H1Strategy 3.47.191.mq4

The pattern "Strategy" will be automatically removed by the monitortool in the installation process.

Remark: Not all currency pairs are supported at the moment from the Monitortool. I will make it more flexible in the future.

=> So your *.mq4 files are ready for installation.

Remark:

Check filenames, the filename should have the following name convention

{prefix} [currency pair] [Timeframe] [magic].mq4

Correct Filenames are

Q67 GBPUSD H1Strategy 2.82.113.mq4

H1 2.82.113.mq4

hallo H1 2.82.113.mq4

Not allowed filenames are

2.82.113.mq4

2.82.113 H1.mq4

hallo.mq4

strategy.mq4

H1.mq4

H1 2.82.113 x.mq4

Installation of Strategies from Forex StrategyBuilder Pro

The name for every ea should have the following name convention.

{prefix} [currency pair] [Timeframe] [magic].mq4

Same mechanism as StrategyQuantX eas

Installation of Strategies from ExpertAdvisorStudio

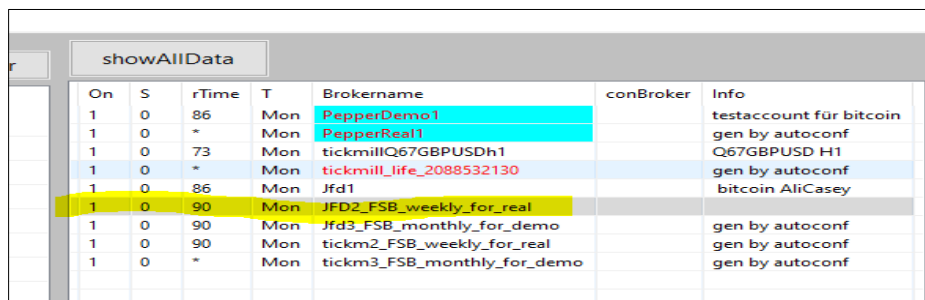
Same mechanism as StrategyQuantX but I give an short example

The name for every ea should have the following name convention.

{prefix} [currency pair] [Timeframe] [magic].mq4

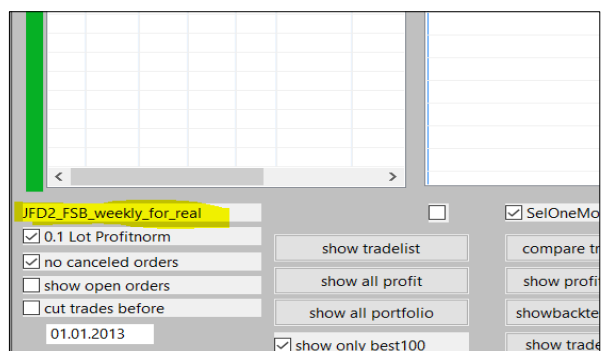
I will give an short example

0) First doubleclick on broker

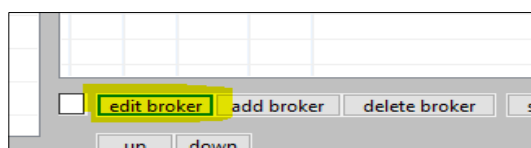


On	S	rTime	T	Brokername	conBroker	Info
1	0	86	Mon	PepperDemo1		testaccount für bitcoin
1	0	*	Mon	PepperReal1		gen by autoconf
1	0	73	Mon	tickmillQ67GBPUSDh1		Q67GBPUSD H1
1	0	*	Mon	tickmill_life_2088532130		gen by autoconf
1	0	86	Mon	Jfd1		bitcoin AliCasey
1	0	90	Mon	JFD2_FSB_weekly_for_real		
1	0	90	Mon	Jfd3_FSB_monthly_for_demo		gen by autoconf
1	0	90	Mon	tickm2_FSB_weekly_for_real		gen by autoconf
1	0	*	Mon	tickm3_FSB_monthly_for_demo		gen by autoconf

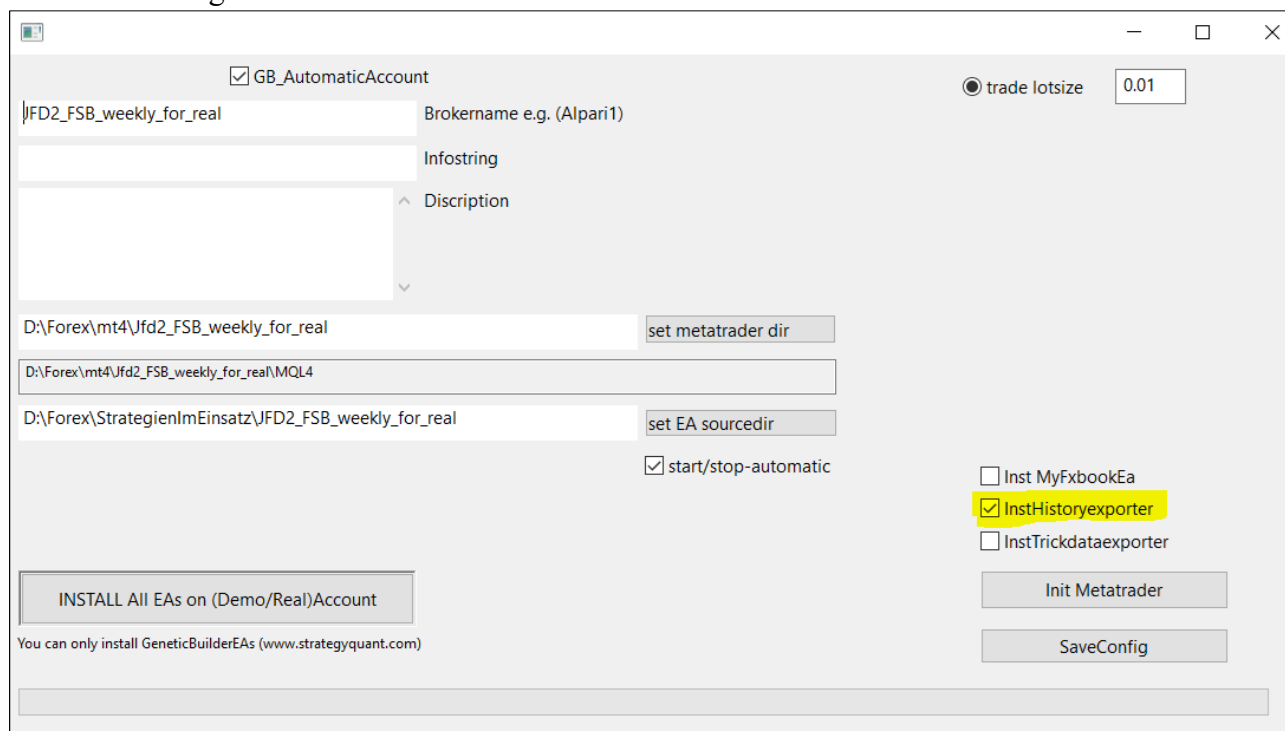
=> you will see the brokername on the following position



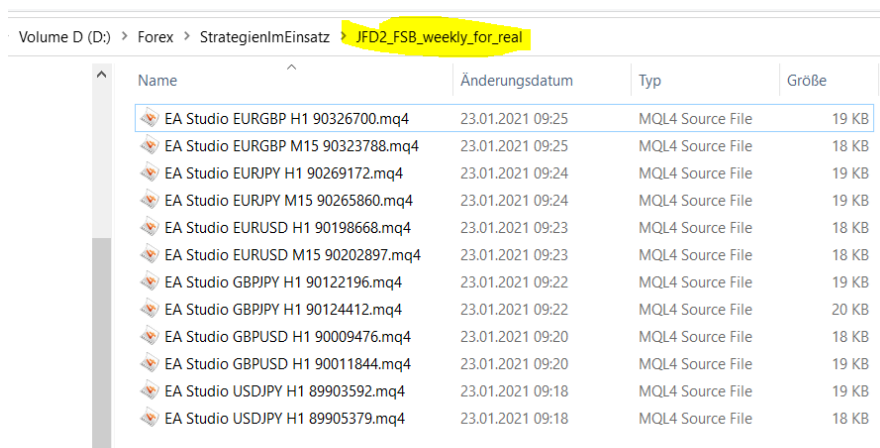
1) doubleclিকে on edit broker



=> the following window occur



1)Place mql4 files in folder “EA sourcedir”



2)Check if “InstHistoryexporter” is activated

3)Click “Install All Eas.....”

Installation of Strategies from ExpertAdvisorStudio (Portfolio)

The name for every ea should have the following name convention.

{prefix} [currency pair] [Timeframe] [magic].mq4

Installation of unsupported Eas

1)Install EAs by hand.

2) Check if “InstHistoryexporter” is activated

3) Click “Init Metatrader”

=> Init Metatrader install the historyexporter environment, the Eas should be observable after this step.

GB_AutomaticAccount trade lotsize

PepperDemo1 Brokername e.g. (Alpari1)

testaccount für bitcoin Infostring

Discription

D:\Forex\mt4\PepperDemo1 set metatrader dir

D:\Forex\mt4\PepperDemo1\MQL4

D:\Forex\StrategienImEinsatz\PepperstoneDemoQ72 set EA sourcedir

start/stop-automatic

Inst MyFxbookEa

InstHistoryexporter

InstTrickdataexporter

You can only install GeneticBuilderEAs (www.strategyquant.com)

Working with Monitortool

If you click „showAllData“ (5) all metatrader data are read into the monitortool and you get an overview of all installed eas.

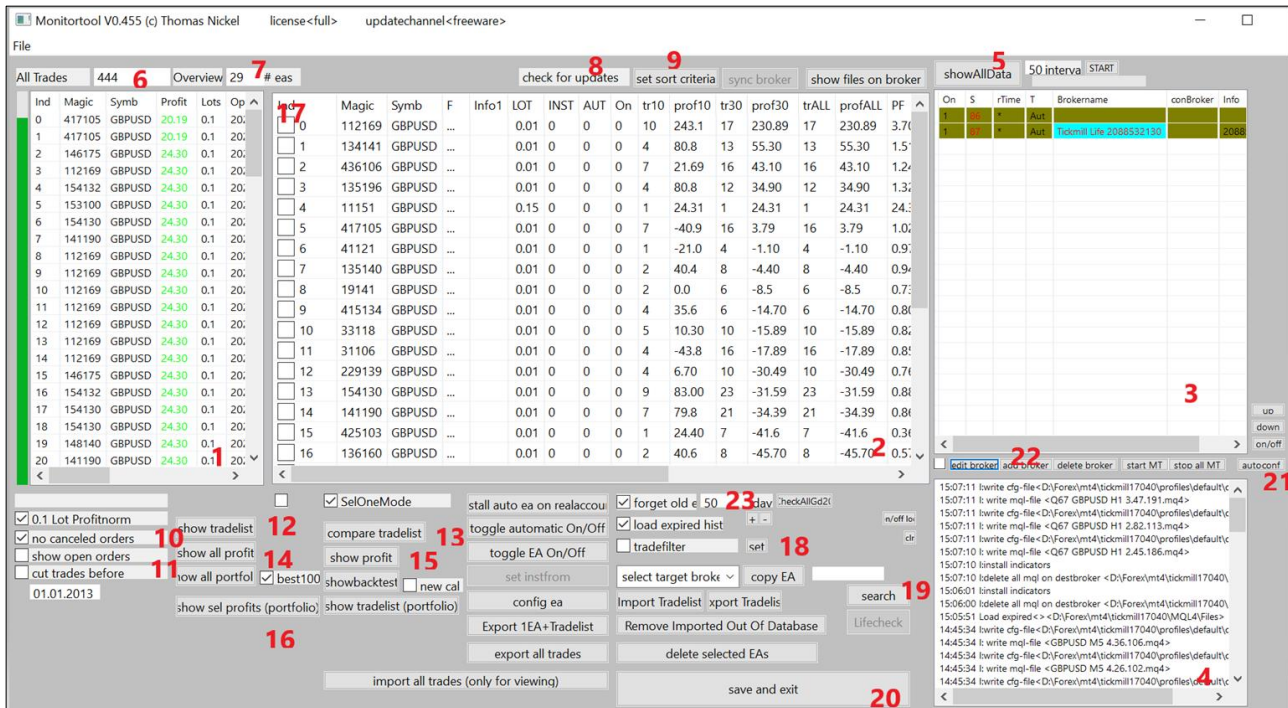


Abbildung 3: This is the masterview of all EAS, click "showAllData" first to get all trades

- (1) In this area you can see all incoming trades from all metatrader
- (2) This is the **EA profit area**, in every row you can see a single EA. The row contains information of the profit of this ea. You get the 10day, 30 day and the whole profit of this ea. The profitfaktor and drawdown is shown too.
- (3) This area is the broker configuration area. The „**autoconfig**“ button make the autoconfiguration for all broker. With edit broker you can edit every broker manually or you can **add new broker** with „add new broker“
- (4) This list contains some working process information
- (5) „**showAllData**“ load all tradelists from all configured metatrader into the monitortool. Sometime the software checks for an software update.
- (6) Number of all incoming trades
- (7) Number of all incoming Eas
- (8) Information about the updateserver connection
- (9) „**set sort criteria**“, you can choose a sort criteria for the profit-area(2)
- (10) If this checkmark „**No canceled orders**“ is set, all canceled orders are not shown in the tradelist.
- (11) If this checkmark „**show open orders**“ is set. All open orders are shown in the tradelist.

7

Abbildung 3: Masterview of all EAS

- (12) „**show tradelist**“ show the EA tradelist
- (13) If you klick „compare tradelist“ you can compare the trades of two Eas. The Eas must have the same MagicNumber. For example: If you install the same EA on Demo and Realaccount you can compare the trades. See section later.

- (14) „show all profit“ show the profits of all installed Eas in a graphical view. If you check „best100“ only the 100 best Eas will be shown. For an example see discription later.
- (15) „show profit“. If you have selected one EA in the profit-area(2) you can show the profit of this EA by klicking this button.
- (16) „show sel profits“. This button show the portfolio of all selected Eas. For an example see discription later.
- (17) You can select one ore more Eas at the same time. Toggle „SelOneMode“ for this function.
- (18) „tradefilter“. With the tradefilter you can select only specific Eas.
- (19) „search“ you can search a EA.
- (20) „save and exit“
- (21) „autoconfig“. For the first configuration is the autoconfig-function helpfull.
- (22) „add new broker“ you can add a new broker by hand if you don't want to use the autoconfig-function.

Detailed description of some functions

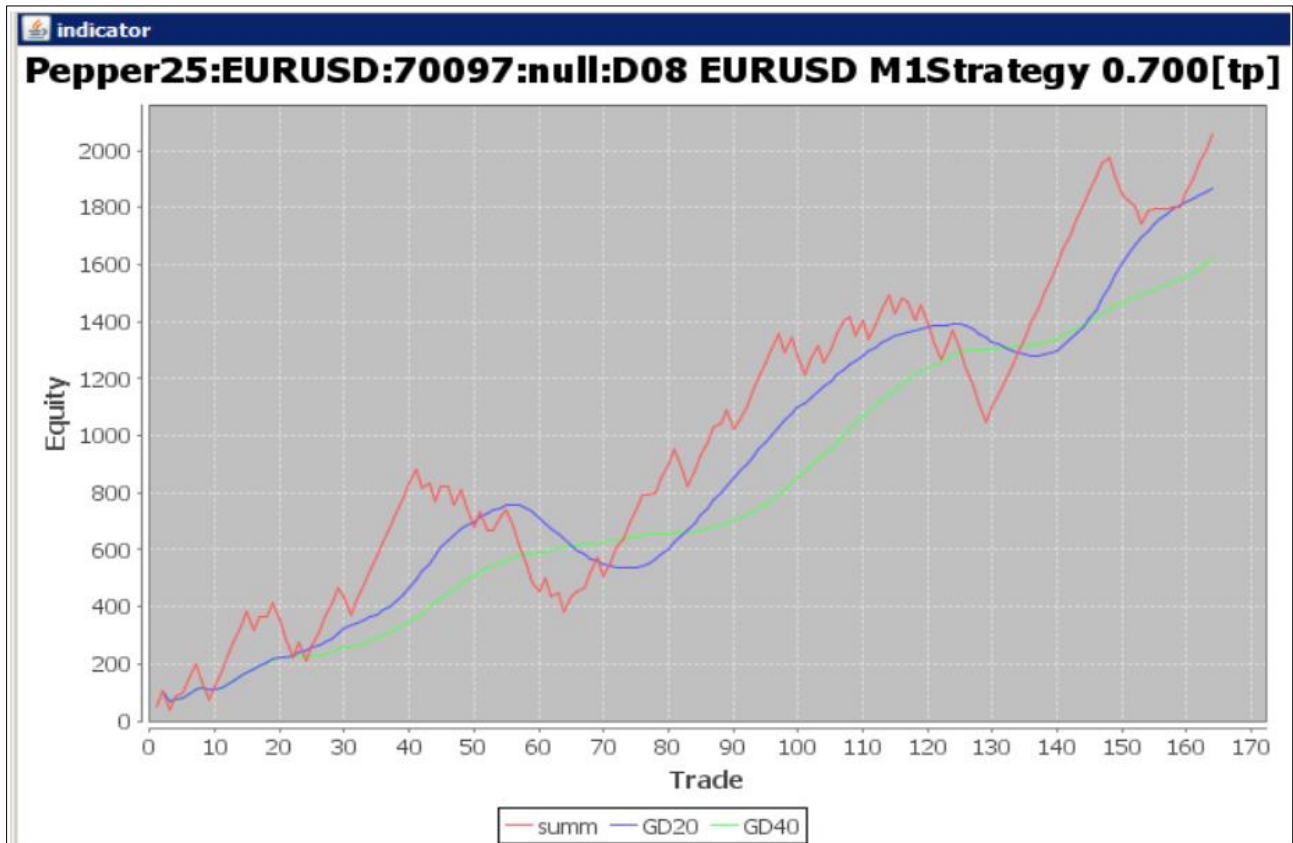
Show Tradelist

- Klick on a row in the profitarea(2)
- Klick on „show tradelist“
- You get the Tradelist of this EA.

Ind	Magic	Transac	Broker	dir	Open	Openprice	Close	Closeprice	Profit	Pips	Sum	Gd5	dur(min)	Comment
0	70097	18345923	Pepper25	sell	2013-07-30 12:22:31	1.32716	2013-07-31 15:30:03	1.32196	51.19	52	51.19	NaN	1627	D08 EURUSD M1Strategy 0.700[tp]
1	70097	18492981	Pepper25	buy	2013-07-31 21:12:46	1.3272	2013-07-31 21:37:40	1.3324	51.19	51	102.39	102.39	24	D08 EURUSD M1Strategy 0.700[tp]
2	70097	18510882	Pepper25	buy	2013-08-01 00:49:18	1.32997	2013-08-01 10:25:38	1.32367	-63.80	62	38.59	70.49	576	D08 EURUSD M1Strategy 0.700[sil]
3	70097	18559767	Pepper25	buy	2013-08-01 12:52:07	1.32394	2013-08-02 17:45:45	1.32914	51.09	51	89.69	76.89	1733	D08 EURUSD M1Strategy 0.700[tp]
4	70097	18704658	Pepper25	buy	2013-08-02 20:32:27	1.32713	2013-08-05 00:05:02	1.32791	6.89	7	96.59	81.82	3092	D08 EURUSD M1Strategy 0.70097
5	70097	18731269	Pepper25	buy	2013-08-05 09:17:47	1.32741	2013-08-07 17:15:28	1.33261	50.99	52	147.59	94.97	3357	D08 EURUSD M1Strategy 0.700[tp]
6	70097	18997208	Pepper25	buy	2013-08-08 00:33:30	1.3334	2013-08-08 17:11:08	1.3386	51.19	52	198.79	114.25	997	D08 EURUSD M1Strategy 0.700[tp]
7	70097	19046754	Pepper25	buy	2013-08-08 20:44:08	1.33859	2013-08-12 00:05:01	1.33263	-60.60	59	138.19	134.17	4520	D08 EURUSD M1Strategy 0.70097
8	70097	19127955	Pepper25	buy	2013-08-12 09:46:54	1.33234	2013-08-13 15:33:08	1.32604	-63.90	62	74.29	131.09	1786	D08 EURUSD M1Strategy 0.700[sil]
9	70097	19266273	Pepper25	buy	2013-08-14 03:17:20	1.32608	2013-08-15 20:14:34	1.33128	50.99	52	125.29	136.83	2457	D08 EURUSD M1Strategy 0.700[tp]
10	70097	19672096	Pepper25	buy	2013-08-19 01:09:14	1.33303	2013-08-20 11:32:34	1.33823	51.09	52	176.39	142.59	2063	D08 EURUSD M1Strategy 0.700[tp]
11	70097	19671942	Pepper25	buy	2013-08-19 01:09:14	1.33303	2013-08-20 11:32:34	1.33823	51.09	52	227.49	148.33	2063	D08 EURUSD M1Strategy 0.700[tp]
12	70097	19671898	Pepper25	buy	2013-08-19 01:09:14	1.33303	2013-08-20 11:32:34	1.33823	51.09	52	278.59	176.41	2063	D08 EURUSD M1Strategy 0.700[tp]
13	70097	19671883	Pepper25	buy	2013-08-19 01:09:14	1.33303	2013-08-20 11:32:34	1.33823	51.09	52	329.69	227.49	2063	D08 EURUSD M1Strategy 0.700[tp]
14	70097	19751572	Pepper25	sell	2013-08-20 15:06:32	1.33928	2013-08-21 21:05:37	1.33408	51.19	52	380.89	278.61	1799	D08 EURUSD M1Strategy 0.700[tp]
15	70097	19823700	Pepper25	buy	2013-08-21 22:22:46	1.33622	2013-08-22 13:24:32	1.32992	-64.00	62	316.89	306.71	901	D08 EURUSD M1Strategy 0.700[sil]
16	70097	19881761	Pepper25	buy	2013-08-22 21:48:05	1.33552	2013-08-23 17:43:24	1.34072	51.09	52	367.99	334.81	1195	D08 EURUSD M1Strategy 0.700[tp]
17	70097	19929005	Pepper25	buy	2013-08-23 20:47:23	1.33844	2013-08-26 00:05:02	1.33816	-3.70	2	364.29	351.95	3077	D08 EURUSD M1Strategy 0.70097
18	70097	19974535	Pepper25	sell	2013-08-26 14:11:30	1.33745	2013-08-28 16:35:45	1.33225	51.19	52	415.49	369.11	3024	D08 EURUSD M1Strategy 0.700[tp]
19	70097	20155311	Pepper25	buy	2013-08-28 18:10:42	1.33272	2013-08-29 09:55:47	1.32642	-64.00	63	351.49	363.23	945	D08 EURUSD M1Strategy 0.700[sil]
20	70097	20248807	Pepper25	buy	2013-08-29 12:58:00	1.32599	2013-08-30 17:44:16	1.31969	-63.90	62	287.59	357.37	1726	D08 EURUSD M1Strategy 0.700[sil]
21	70097	20351042	Pepper25	buy	2013-09-02 00:18:40	1.32102	2013-09-03 17:02:27	1.31472	-63.90	62	223.69	328.51	2443	D08 EURUSD M1Strategy 0.700[sil]
22	70097	20462854	Pepper25	buy	2013-09-03 18:30:39	1.3159	2013-09-04 18:30:06	1.3211	51.09	52	274.79	310.61	1439	D08 EURUSD M1Strategy 0.700[tp]
23	70097	20566346	Pepper25	buy	2013-09-05 15:31:08	1.32003	2013-09-05 15:55:04	1.31373	-63.80	62	210.99	269.71	23	D08 EURUSD M1Strategy 0.700[sil]
24	70097	20583962	Pepper25	buy	2013-09-05 21:01:12	1.31157	2013-09-06 15:30:53	1.31677	51.09	51	262.09	251.83	1109	D08 EURUSD M1Strategy 0.700[tp]

1.702150798202profitfactor
5.787373312 drawdown%

Show Profit



-Klick on a row in the profitarea(2)

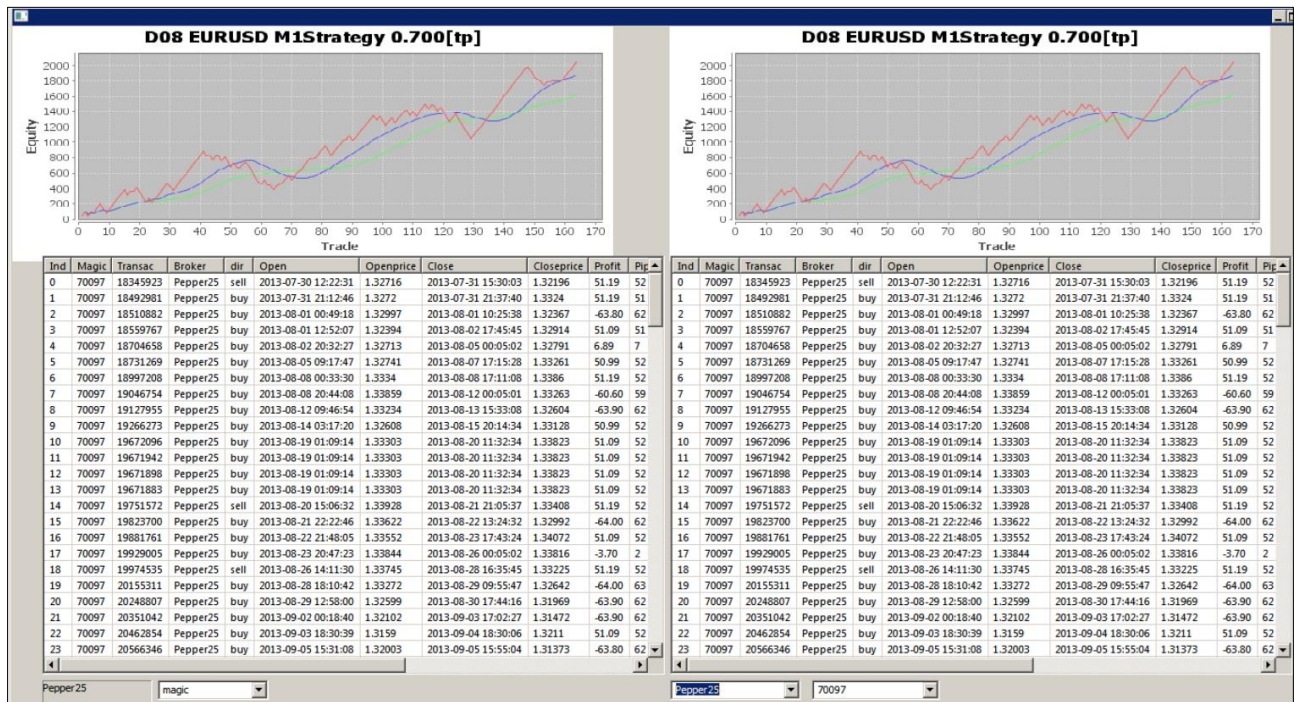
-Klick on „show profit“

You get the equity curve (red line)for this EA. You can see the profit for every trade. This is a good view to analyse a EA behavior. The blue and green line show the moving average.

Compare Tradelist

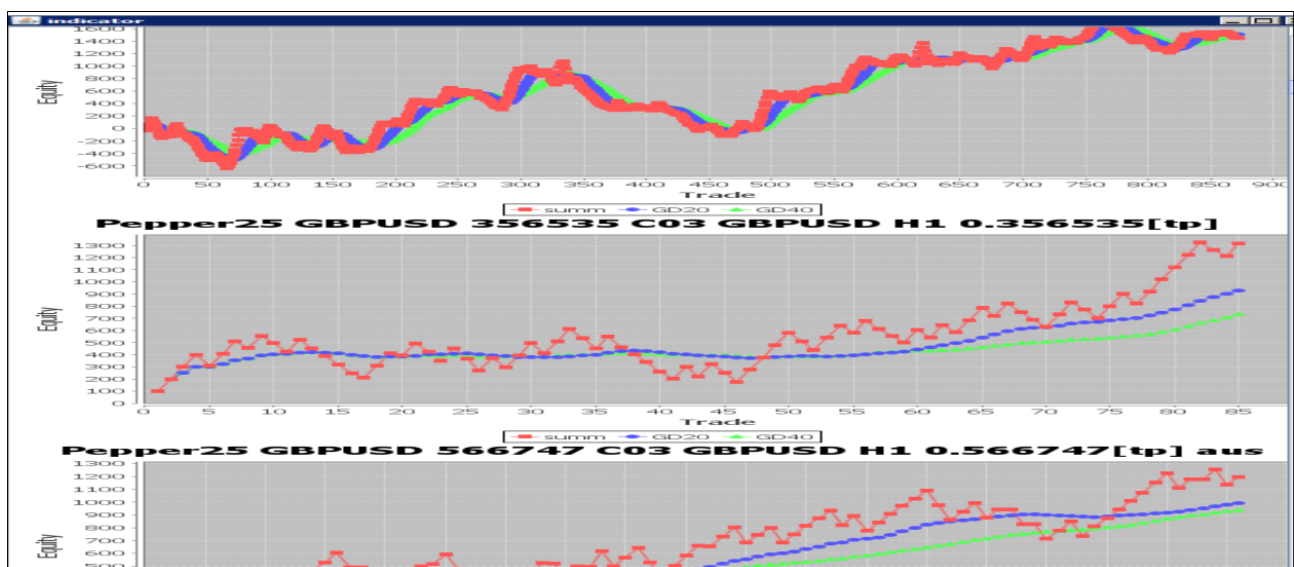
Klick on a row(2) and Klick on „compare Tradelist“

You can use this function if you have installed the ea with the same magic on different metatrader accounts.



Show all Profit

If you click „show all profit“, you get an good overview of the profit of all installed EA’s. If the checkmark „best 100“ is selected, you get only the profit of the best 100 Eas.



SetTradefilter

With the function „SetTradefilter“ you can filter specific Eas. Click set(18) and you get the tradefilter config-meue.

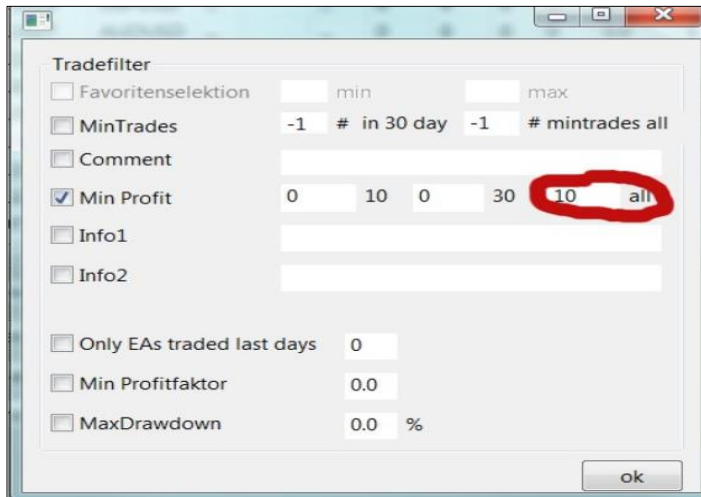


Abbildung 8: Set tradefilter of 10 trades

In this example you show only EAS who with at least 10 Trades. Click „OK“ and „showAllData“ in the main window.

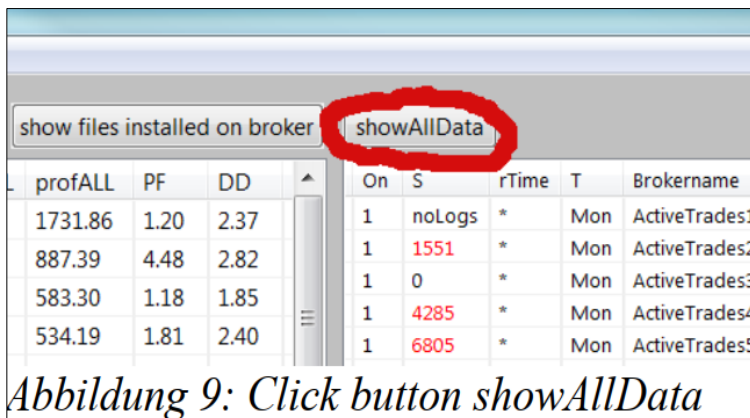


Abbildung 9: Click button showAllData

Show portfolio Profit

Sometime it is helpfull to show the profit of a portfolio of Eas.
 For Example I have two different Eas.
 Ea one has 8 Trades, Ea two has 10 Trades

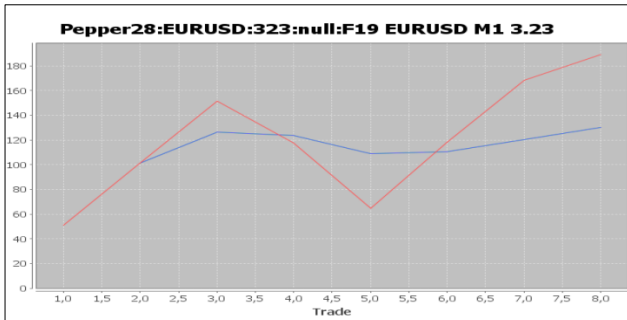


Abbildung 11: EA with 8 trades

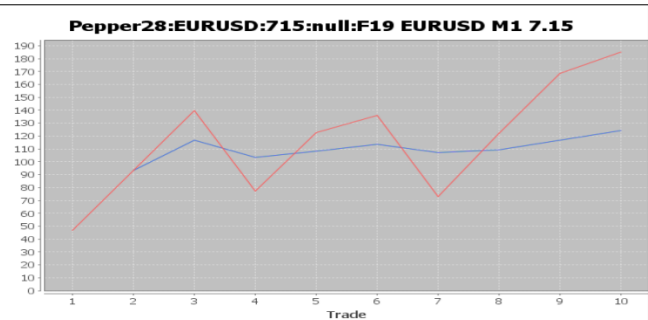


Abbildung 10: EA with 10 trades

I want to see the portfolio of the two installed Eas. I want to see the equitycurve in one graphic of the two Eas

You can do this in four Steps:

- 1) Remove checkbox sel oneMode
- 2) Select checkboxes of the Eas
- 3) Klick Button showPortfolio
- 4) The portfolio of this two Eas has 18 trades

Abbildung 12: Step 1 to 4 for showPortfolio

Show Results of only one Metatrader

If you want to show the results of only one metatrader you can do this in the following way. Klick on the broker you want to see.

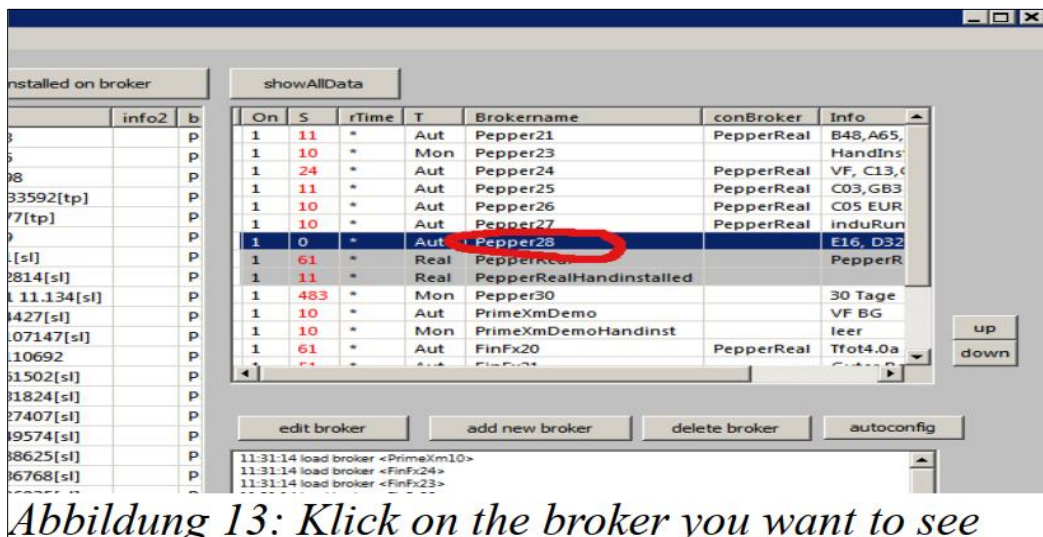


Abbildung 13: Klick on the broker you want to see

- 1) The selected broker will be shown in field 1
- 2) The monitortool show only trades of this broker

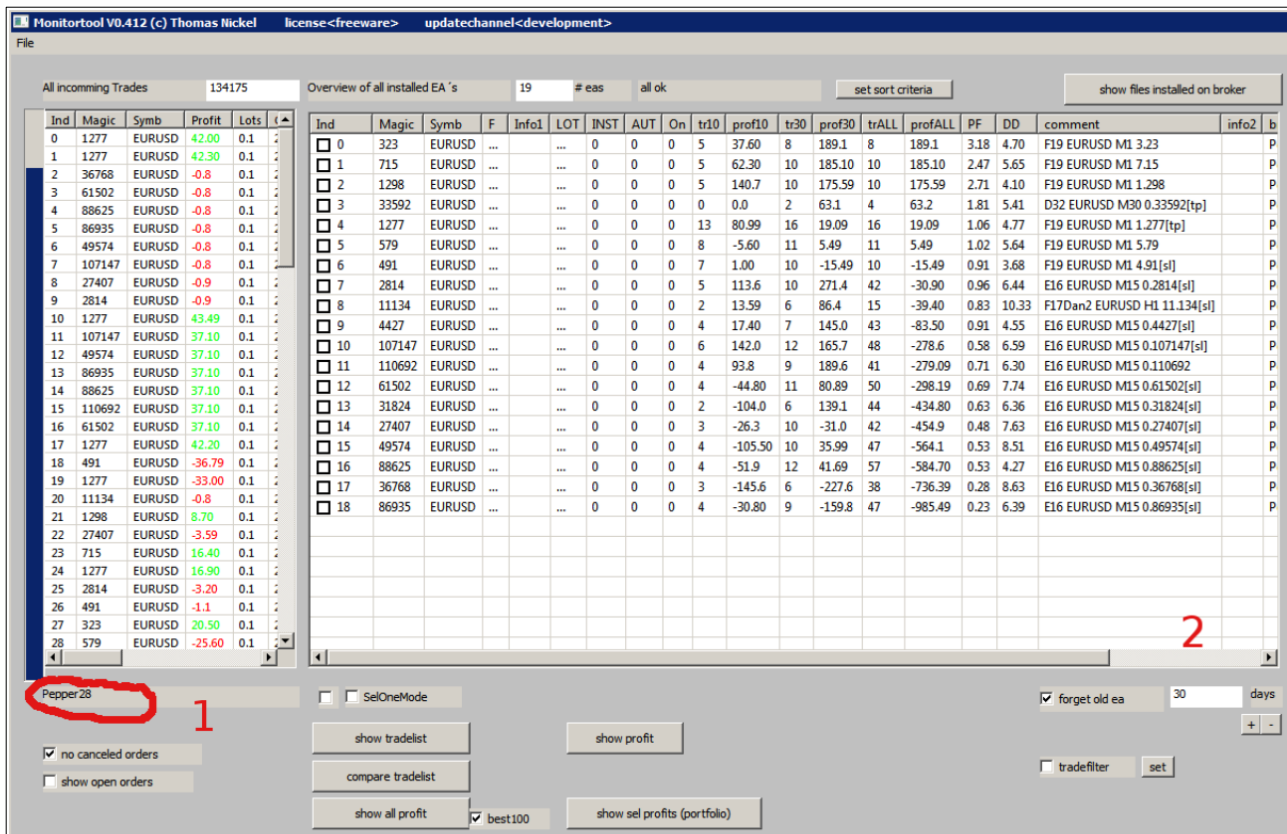


Abbildung 14: You get only trades for the selected broker

Delete Eas

Sometimes it is necessary to delete old Eas.

This deletion will be done in 5 Steps

- 0) Close Metatrader
- 1) Click on the Broker
- 2) Check the Brokername
- 3) Select Eas, you can use multiselect to select more Eas at the same time.
- 4) Klick "delete selected Eas" to Delete the Eas from the Metatrader and the Installation directories.
- 5) All *.mql files and the *.ex4 will be deleted in this step. After that no Trades from the selected Eas will be shown.

Show only installed Eas

The trades of the Eas are stored in the metatrader4. The trades are stored on the Server on Broker side. If you delete the Eas on the harddisk the information about the trades is still kept on the server.

GB_AutomaticAccour RealAccount

FxOpen1 Brokername e.g. (Alpari1)

gen by autoconf Infostring

Discription

D:\Forex\mt4\FxOpen1 set metatrader dir

D:\Forex\mt4\FxOpen1\MQL4

D:\Forex\StrategienImEinsatz\Fxopen1Demo1 set EA sourcedir

set updatedir set updatedir

set filenamerename

EURUSD use currency pair

Inst fxblue tradecopy

Inst MyFxbookEa

InstHistoryexporter

close all trades on friday

show only installed EAs

activate frequently I

You can activate a special feature to show only the installed Eas in the tradelist. If this feature is activated monitortool looks in the installation directory if the EA belonging to the trade is installed.

The Pongcheck

The pongcheck is a lifetimecheck of the metatrader. If the metatrader is correctly installed and the Eas are activated, a pongfile.txt will be written permanently in <metatrader>\MQL4\files\pong.txt.

The monitortool checks in an interval of 90sec if this pongfile in the metatrader installation is not too old. If this file is too old something is wrong with the metatrader. Possible that the Trading is not activated or the metatrader has crashed.

On	S	rTime	T	Brokername	conBroker	Info
1	9	79	Mon	FxOpen1		gen by a
0	45	*	Mon	audrn2		gen by ai
0	92	*	Mon	Jfd1		gen by ai
0	92	69	Mon	Jfd2_FSB_weekly_for_real		gen by ai
0	92	69	Mon	Jfd3_FSB_monthly_for_demo		gen by ai
0	45	*	Mon	MetaTrader 4 33333549 Simnow IC		gen by ai
0	64	*	Mon	PepperDemo1		gen by ai
0	92	*	Mon	PepperReal1		gen by ai

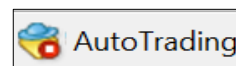
In this case you see the marked Broker "FxOpen1".

If this occurs you can check the metatrader.

You can do the following checks.

- 1) Check if Metatrader trading is activated

In this example autotrading is switched off. So this pong error occurs.



2) Check if Autotrading is activated in Options

Optionen ? >

Ereignisse			Community			Signale	
Server	Diagramme	Objekte	Handel	Experten	Benachrichtigungen	E-Mail	FTP

Automatisches Handeln erlauben

Automatisches Handeln deaktivieren, wenn das Konto gewechselt wurde

Automatisches Handeln deaktivieren, wenn das Profile gewechselt wurde

Automatisches Handeln deaktivieren, wenn das Symbol des Charts oder die Periode gewechselt wurde

Import von DLLs zulassen (potentiell gefährlich, nur für vertrauenswürdige Anwendungen erlauben)

WebRequest für folgende URLs erlauben:

+ fügen Sie neue URL hinzu, wie 'https://www.mql5.com'

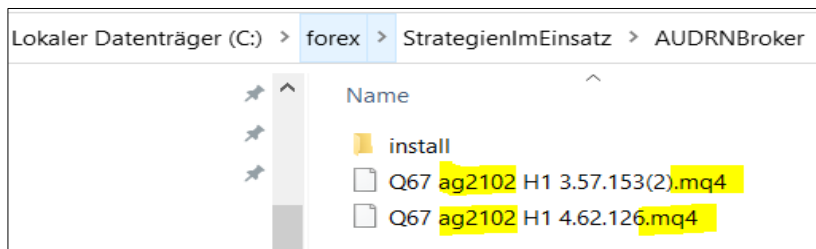
Symbol Replacement

Sometimes it is necessary to replace symbols by new symbols. If you trade CFD's with a limited period the name of this CFD change after this period. So you have to change all symbols for this CFD.

I will give an example how monitortool can handle this symbol replacement in an easy way.

We have our installation on the broker AUDRN-Life.

We have installed two Eas for the symbol ag2102



The following windows show the running metatrader4. The historyexporter and the two eas are installed. The actual symbol for this chart is **ag2102**



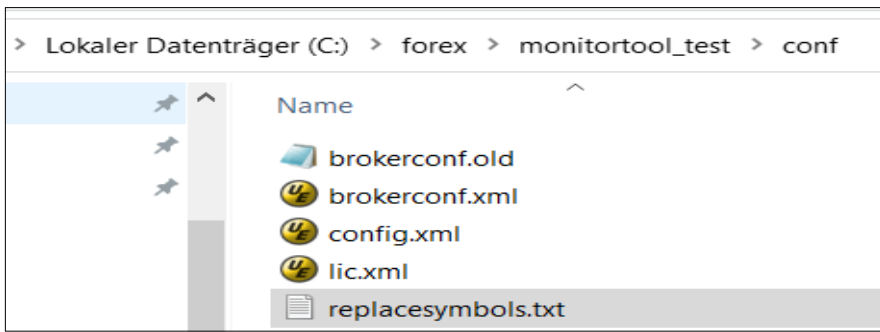
The symbol will change to a new symbol.

Old symbol: ag2102

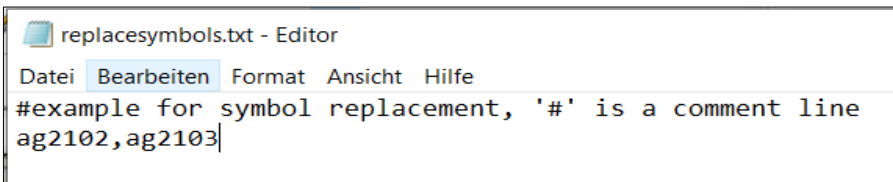
New symbol: ag2103

Step1: Edit configfile

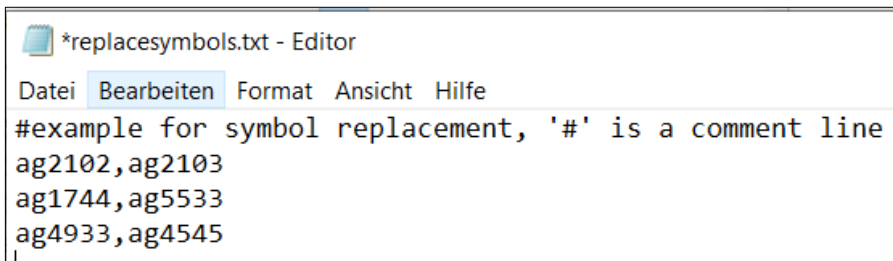
Go into the monitortool conf-directory and edit replacesymbols.txt



replacesymbols.txt have the following format.

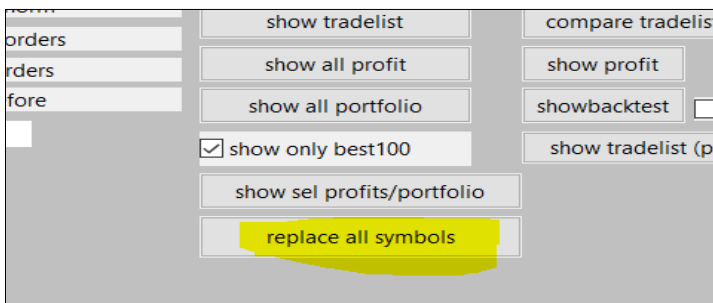


You can add more replacements at the same time

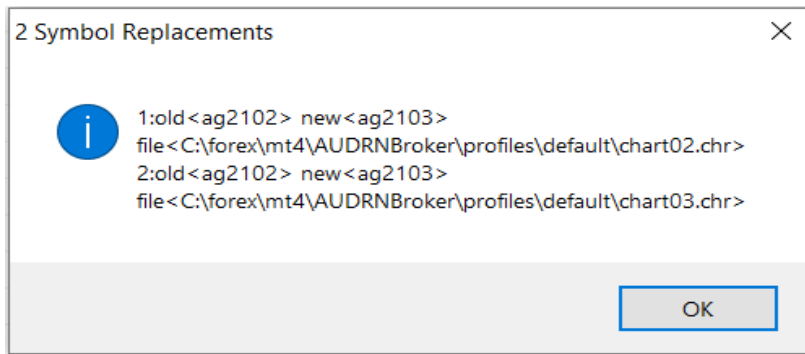


Step2: Klick Replace Symbols

Klick replace symbols on the main screen



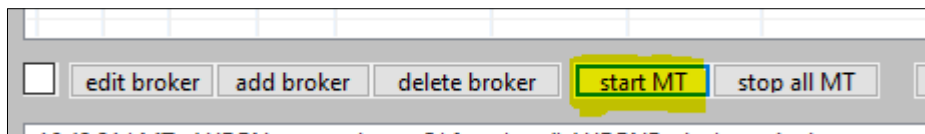
You will get an response how many symbols are replaced in the following window



The Metatrader are stopped automatically.

Step3: Start Metatrader

Start metatrader by clicking button.



After the metatrader has started you see the new symbols at the lower edge.

Ag2103 and ag2103

The filenames "Q67 ag2102 H1 3.57.153(2)" are not changed.



If you want to change the symbol again. For example the symbol will change ever 3 months you should use the pattern from the filename in the symbolsreplacements.

For example:

First change on 1.1.2019

replacesymbols.txt

ag2102,ag2103

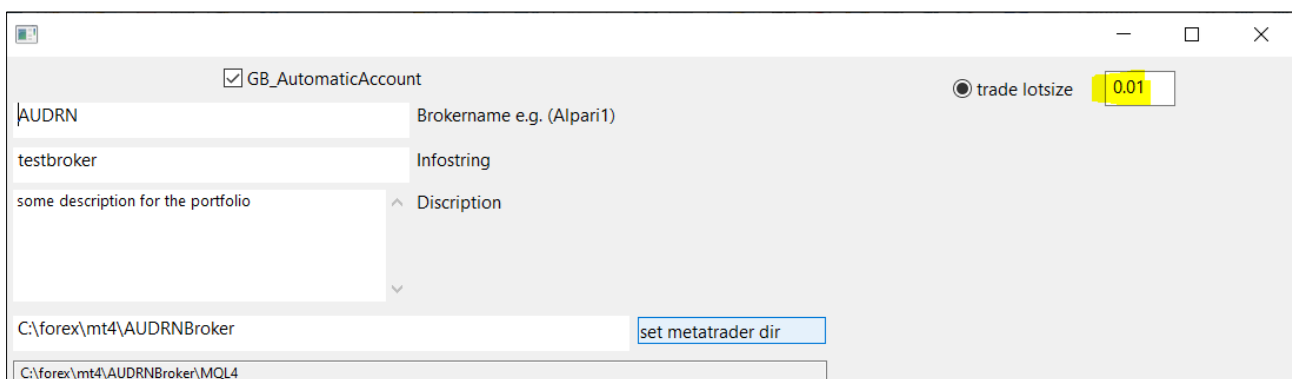
Next change on 1.4.2019

replacesymbols.txt

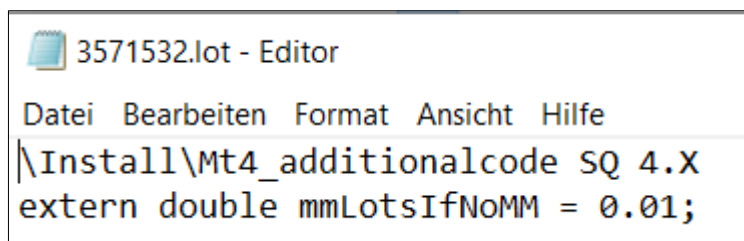
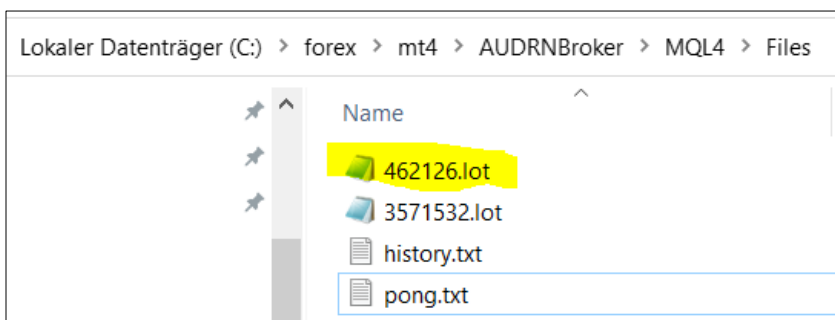
ag2102,ag2104

Set Lotsize

All the eas are installed with the specific lotsize with is set in the ea installation.



If you want to change the lotsize later you can do this in <magic>.lot configuration with is stored in the files directory



Remark:

The set lotsize feature is **not available for the forex strategybuilder pro strategies**. The lotsize should be set in the generator of forex strategybuilder pro.

EA RandomStart

Monitortool is able to handle 30 metatrader4 on one computer. Every metatrader is able to handle 100 eas. If you start with monitortool all these eas with one click, $30 \cdot 100 = 3000$ eas are starting at the same time on this computer. To prevent this problem the monitortool start every metatrader with a time tifferece of 4 seconds delation.

Every ea is starting with a random time delation.

You can check this in the metatrader4 logfiles.

Zeit	Nachricht
2021.01.15 17:02:57.839	Q67 ag2102 H1 4.62.126 ag2102,H1: init wait 230 secs
2021.01.15 17:02:57.839	Q67 ag2102 H1 3.57.153(2) ag2102,H1: init wait 30 secs
2021.01.15 17:02:57.779	Historyexporter EURUSD,M1: initialized
2021.01.15 17:02:57.779	Historyexporter EURUSD,M1: Historyexporter OnInit-Ready:
2021.01.15 17:02:57.770	Historyexporter EURUSD,M1: Timer for shortcheckintervall successfull set after trys<0>
2021.01.15 17:02:57.769	Historyexporter EURUSD,M1: historyexporter version=1.28
2021.01.15 17:02:57.769	Historyexporter EURUSD,M1: Historyexporter OnInit-Start:AccountCompany<AUDRN FINANCIAL CROUP> AccountName<Thomas Nic
2021.01.15 17:02:40.282	Q67 ag2102 H1 4.62.126 ag2102,H1 inputs: Kennung=; CustomComment=Q67 ag2102 H1 4.62.126; MagicNumber=462126; IchimokuK
2021.01.15 17:02:40.282	Expert Q67 ag2102 H1 4.62.126 ag2102,H1: loaded successfully
2021.01.15 17:02:40.251	Q67 ag2102 H1 3.57.153(2) ag2102,H1 inputs: Kennung=; CustomComment=Q67 ag2102 H1 3.57.153(2); MagicNumber=3571532; KCB
2021.01.15 17:02:40.251	Expert Q67 ag2102 H1 3.57.153(2) ag2102,H1: loaded successfully
2021.01.15 17:02:40.204	Historyexporter EURUSD,M1 inputs: shortcheckintervall=30; longcheckintervall=3600;
2021.01.15 17:02:40.204	Expert Historyexporter EURUSD,M1: loaded successfully
2021.01.15 17:02:26.141	Compiling 'TrendStuffer-X-base~'
2021.01.15 17:02:26.141	Compiling 'THOMAS_INDI_02BIN'
2021.01.15 17:02:26.141	Compiling 'TEMA'
2021.01.15 17:02:26.141	Compiling 'SuperTrend'

Terminal | Handel | Belastung | Kontohistorie | Nachrichten | Alarme | Posteingang 1 | Firma | Market 161 | Signale | Artikel | Bibliothek | **Experten** | Journ

Configuration of Monitortool

The most time the configuration can be done in the config menu of the monitortool. In some special cases, the configuration can be done in **c:\Forex\Monitortool\config\config.xml**

Switch off Start/Stop Metatrader

Monitortool Start/Stop the Metatrader automaticliy. If the configuration of the metatrader will be changed by the monitortool, it is necessary to stop the metatrader before some chngements can be done. This is the reason why monitortool start/stop the metatrader automaticaly.

Sometimes this behavior is not desired.

You can switch off this feature by editing the configuration file **c:\Forex\Monitortool\config\config.xml**

To switch off this feature fxtend this configfile by the following line.

```
<metatradernoautostartstop>1</metatradernoautostartstop>
```

The default value is.

```
<metatradernoautostartstop>0</metatradernoautostartstop>
```

```

17 <updatechannel>freeware</updatechannel>¶
18 <showlicenceflag>0</showlicenceflag>¶
19 <maxpongtime>180</maxpongtime>¶
20 <autostartfeature>0</autostartfeature>¶
21 <portableflag>1</portableflag>¶
22 <askforupdate>1</askforupdate>¶
23 <lastcopytrademagic>7</lastcopytrademagic>¶
24 <autocreatormode>0</autocreatormode>¶
25 <Metatradernoautostartstop>1</Metatradernoautostartstop>¶
26 </data.GlobVarDat>

```

Appendix

New Features

In the Metatrader install section are two new Features.

trade lotsize: 0.01

Connect Demoaccount with Realaccount

select realaccount: EURUSD

use currency pair for historyexporter: [] currency add (info)

Inst fxblue tradecopy: 1 use magic [] trade suffix receiver

Inst MyFxbookEa

InstHistoryexporter: Mt5Bugfixing

Automatic Symbol Replacement: EodTradingtimeRandomModification

show only installed EAs

lock all EAs on this account

Abbildung 1: The Mt5Bugfixing and the EodTradingTimeRandomModification-Feature is new.

Mt5Bugfixing

If This feature is activated the monitortool will fix some bugs in the mql5 code, at the moment it is only the ORDER_FILLING_RETURN problem see.

<https://strategyquant.com/forum/topic/the-order-request-could-not-be-completed-error-no-4307/page/2/#post-285171>

EodTradingtimeRandomModification

The EodTrading Closetime is set by SQX.

For example, if we set the Eod Trading time to 15:00 all Eas closes their Trades at 15:00. Sometime it can be a problem if you have installed 20 Eas and all Eas close their trades at 15:00.

If you activate this feature the EOD-Trading time will be modified with a random value.

The EOD-Time will be closed randomly - (0-3) minutes.

For Example, if you use EOD-Trading time you will get the following values for the EOD-Tradingtime.

15:00, 14:59, 14.58, 14.57

This time is fixed in the mql4/5-code.

Custom Comment

use currency pair for historyexporter	<input type="text"/>	currency add	(info)	
<input checked="" type="checkbox"/> Inst fxblue tradecopy	<input type="text" value="1"/>	use magic	<input type="text"/>	trade suffix receiver
<input type="checkbox"/> Inst MyFxbookEa				
<input checked="" type="checkbox"/> InstHistoryexporter		<input type="checkbox"/> Mt5Bugfixing		
<input type="checkbox"/> Automatic Symbol Replacement		<input type="checkbox"/> EodTradingtimeRandomModification		
<input type="checkbox"/> show only installed EAs		<input checked="" type="checkbox"/> Set Custom Comment	<input type="text"/>	
<input type="checkbox"/> lock all EAs on this account				

Abbildung 2: With the Set Custom Comment function you can set

With the custom comment function, you can put any comment. If you want the comment to be empty, activate the function and leave this field empty. If the Custom comment function is not activated, Monitortool automatically sets the file name as a comment.

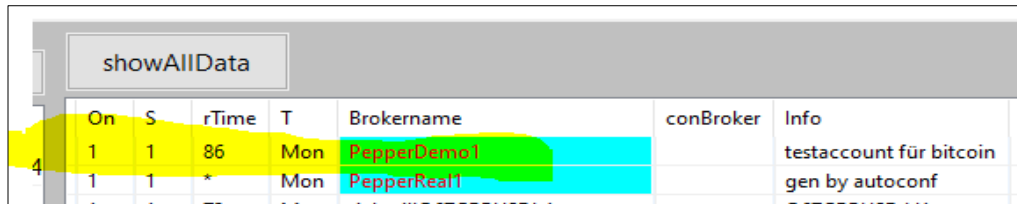
Troubleshooting

Can't see trades in the monitortool, but metatrader have already done trades.

Do the following checks.

1) In this example we will check PepperDemo1 Broker

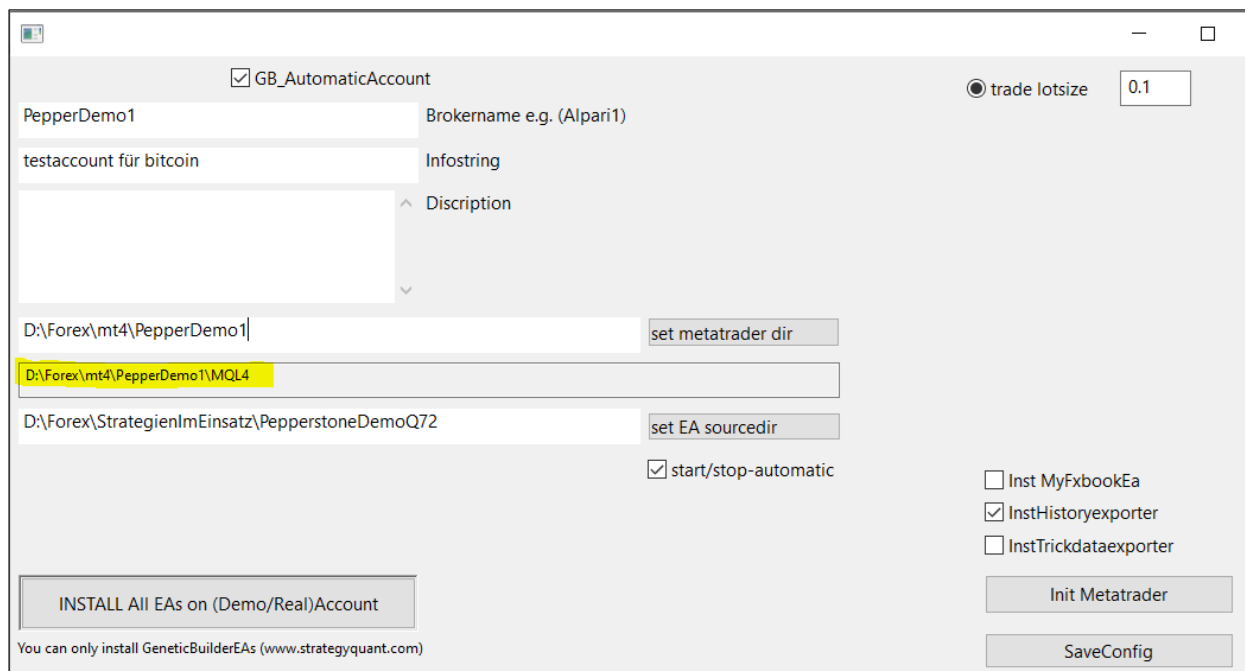
Click on PepperDemo1



	On	S	rTime	T	Brokername	conBroker	Info
4	1	1	86	Mon	PepperDemo1		testaccount für bitcoin
	1	1	*	Mon	PepperReal1		gen by autoconf
	1	1	72	Mon	PepperReal1		gen by autoconf

2) Klick Edit Broker

The following Window appears



GB_AutomaticAccount trade lotsize

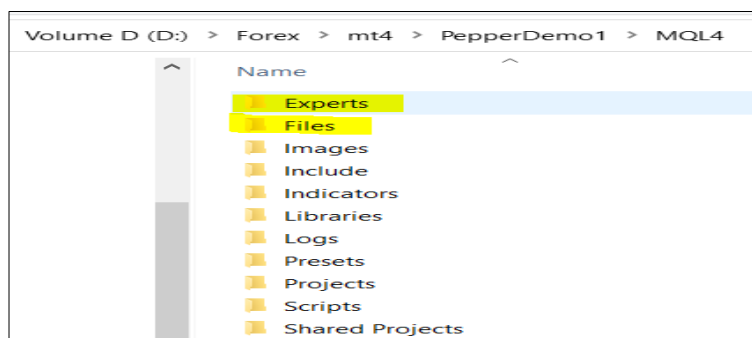
PepperDemo1 Brokername e.g. (Alpari1)
Infostring

start/stop-automatic Inst MyFxbookEa
 InstHistoryexporter
 InstTrickdataexporter

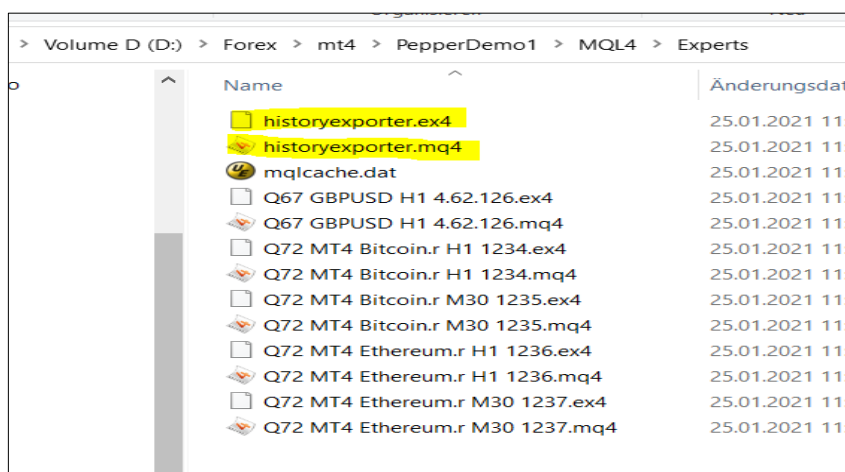
You can only install GeneticBuilderEAs (www.strategyquant.com)

Important is the MQL4 folder

3) go to this mql4 folder d:\forex\mt4\pepperDemo1\MQL4

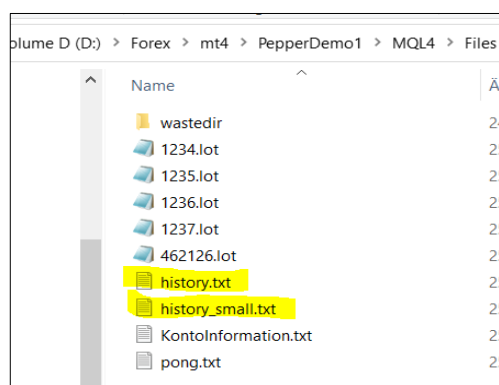


4) Check **experts** folder



The experts folder should contains historyexporter.ex4 and historyexporter.mq4

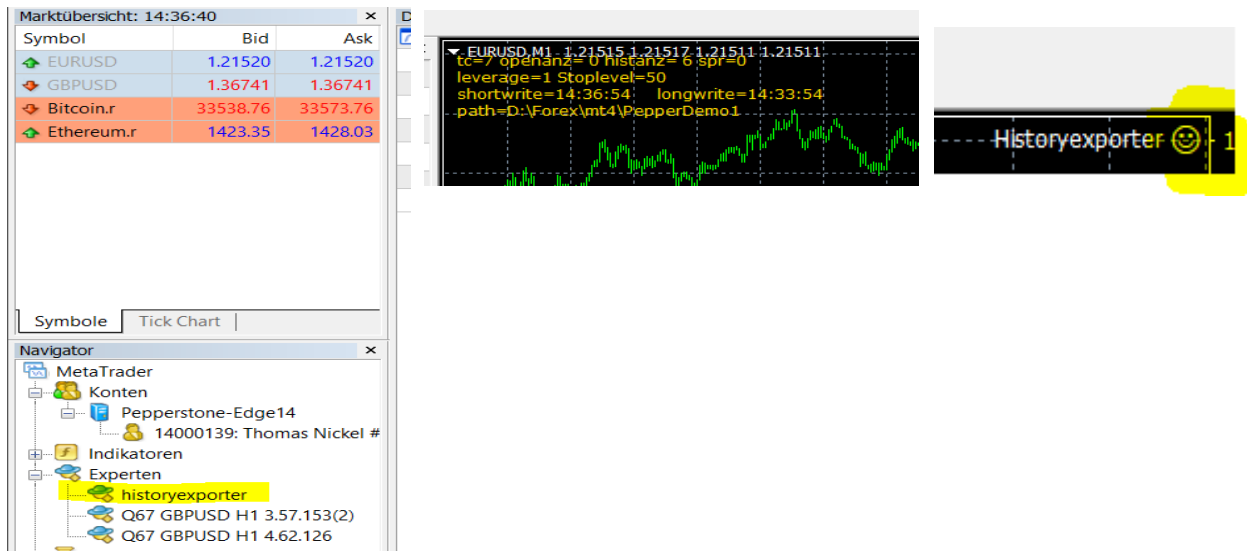
5) check **files** folder



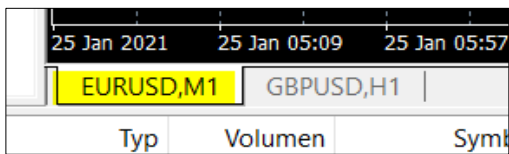
This folder should contain history.txt

If history.txt is placed in this folder, all is ok.

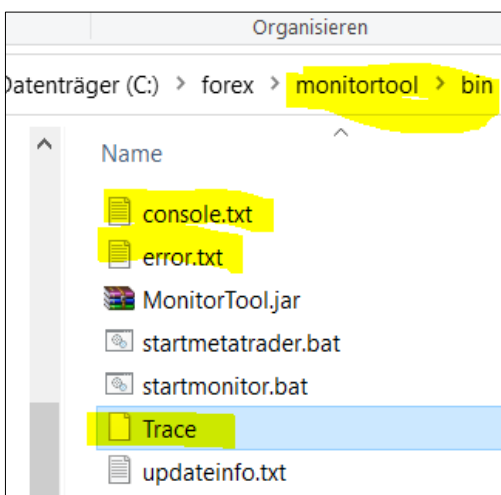
6) check if historyexporter is installed in metatrader4



Most times the Historyexporter is the first installed EA on the metatrader4



If something goes wrong, check this steps 1) till 6) and describe me the problem. Send me an email with the logfiles out of Monitortool\bin



I need console.txt, error.txt and the trace file. Send it to tnickel@gmx.de

Hint: dont use the "c:\Programme (x86)" folder for your metatrader4 installations. Windows have a protection mechanism that can cause problems.