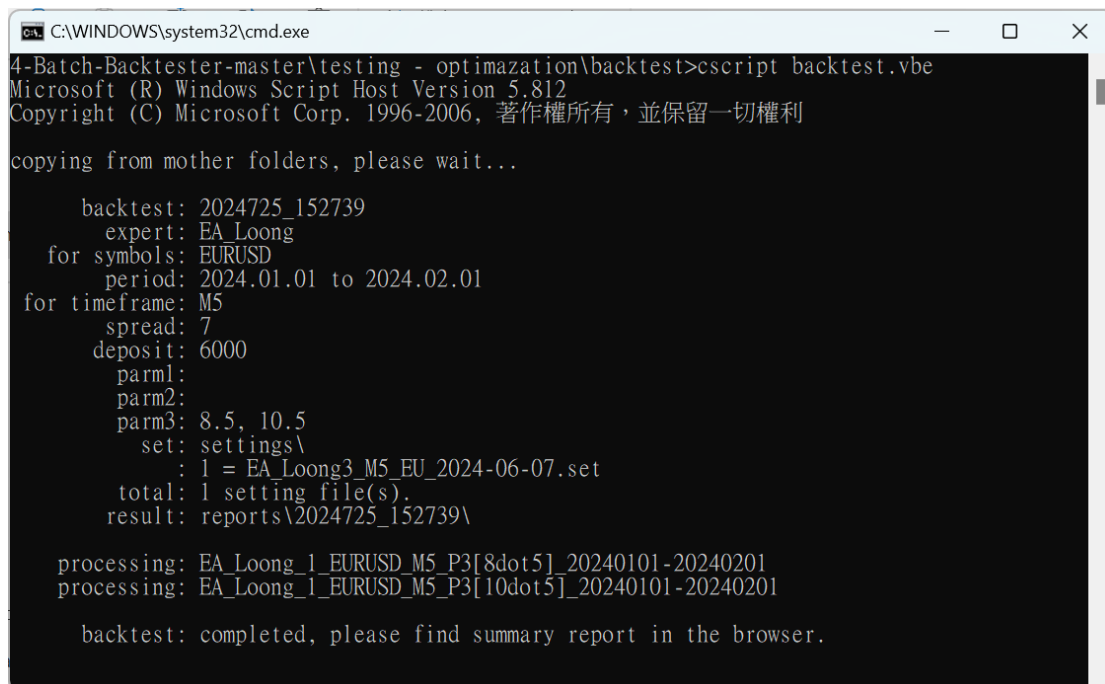


# Backtest in batch process

- Perform MT4 backtest in **batch mode**.
- You can test **only one expert in one batch**, but you can perform different batch in parallel according to your computer power.
- You can choose to copy mother folder (the MT4 you used to run backtest) or run backtest directly in your mother folder.



```
C:\WINDOWS\system32\cmd.exe
4-Batch-Backtester-master\testing - optimazation\backtest>cscript backtest.vbe
Microsoft (R) Windows Script Host Version 5.812
Copyright (C) Microsoft Corp. 1996-2006, 著作権所有, 並保留一切權利

copying from mother folders, please wait...

    backtest: 2024725_152739
      expert: EA_Loong
    for symbols: EURUSD
      period: 2024.01.01 to 2024.02.01
    for timeframe: M5
      spread: 7
      deposit: 6000
      parm1:
      parm2:
      parm3: 8.5, 10.5
      set: settings\
          : 1 = EA_Loong3_M5_EU_2024-06-07.set
      total: 1 setting file(s).
      result: reports\2024725_152739\

processing: EA_Loong_1_EURUSD_M5_P3[8dot5]_20240101-20240201
processing: EA_Loong_1_EURUSD_M5_P3[10dot5]_20240101-20240201

    backtest: completed, please find summary report in the browser.
```

## Installation Guide

Extract **backtest.zip** in any folder, e.g. extract on desktop

It is a green software and run without installation

reports	🔄	16/7/2024 6:48	檔案資料夾	
settings	🔄	16/7/2024 6:48	檔案資料夾	
backtest.bat	🔄	16/7/2024 5:16	Windows 批次檔案	1 KB
backtest.docx	🔄	16/7/2024 6:24	Microsoft Word 文件	3,567 KB
backtest.ini	🔄	16/7/2024 6:31	組態設定	1 KB
backtest.vbe	🔄	16/7/2024 5:14	VBScript Encoded ...	32 KB
backtest.zip	🔄	16/7/2024 6:48	壓縮的 (zipped) 資料...	3,541 KB
common.ini	🔄	12/7/2024 15:12	組態設定	1 KB
strategytester.ini	🔄	13/7/2024 7:14	組態設定	1 KB
summary.htm	🔄	15/7/2024 4:48	Microsoft Edge HT...	3 KB

## How to use ?

Since you can test only one expert in one batch, you can put all your set in “**settings**” folder, program will read it automatically. (any file name is ok)

名稱	狀態	修改日期	類型	大小
setting_2.set	🔄	16/7/2024 6:57	SET 檔案	0 KB
setting_1.set	🔄	16/7/2024 6:57	SET 檔案	0 KB

Open **backtest.ini** and update your backtest parameters as below:-

- datafolder - your MT4 data folder (mother data folder)
- mt4folder - your MT4 terminal folder (mother base folder)
- copy mt4 - **“Y”** to copy from mother folder, **“N”** to use mother folder
  - “N” - close the mother MT4 terminal before running backtest
- expert - expert name (specify folder name if required e.g. market/expert)
- symbol - **USDJPY,XAUUSD** (add your symbol separated by “,”)
  - 28ccy+gold+silver are supported currently
- startdate - start\_day separated by “.” , e.g. **2022.01.01**
- enddate - end\_day separated by “.” , e.g. **2024.06.30**
- timeframe - **M1,M5** (add your timeframe separated by “,”)
  - M1,M5,M15,M30,H1,H4,D1,W1 are supported currently
- spread - 10 (0 – current)
- deposit - 10000 (deposit for backtest)

```
[[datafolder]=C:\Users\xxxx\AppData\Roaming\MetaQuotes\Terminal\263900E451A730ABC9F9968C48567C1D\
[ mt4folder]=C:\Program Files (x86)\Alpari MT4 -01\
[ copy mt4]=N
[ expert]=MultiTF
[ symbol]=EURUSD, USDCAD
[ startdate]=2024.01.01
[ enddate]=2024.02.01
[ timeframe]=M15, M30
[ spread]=10
[ deposit]=6000
[ <PARM1>]=
[ <PARM2>]=
[ <PARM3>]=
```

Optimization functions (optional – no need to update for backtest)

parm1 - add a tag <PARM1> in your setting to substitute variables here.

parm2 - add a tag <PARM2> in your setting to substitute variables here.

parm3 - add a tag <PARM3> in your setting to substitute variables here.

e.g. put <PARM3> in your setting, set [ <PARM3>]=10,20,30 in backtest.ini, program then run 3sets of Pipsteps=10,20,30.

```
MaxLevel, 1=0
MaxLevel, 2=0
MaxLevel, 3=0
Pipsteps=<PARM3>
Pipsteps, F=0
Pipsteps, 1=30.00000000
Pipsteps, 2=0.00000000
Pipsteps, 3=0.00000000
TakeProfit=0.00000000
TakeProfit, F=0
TakeProfit, 1=100.00000000
TakeProfit, 2=0.00000000
TakeProfit, 3=0.00000000
TslStartPoint=5.00000000
TslStartPoint F=0
```

After saving the backtest.ini & putting your set in “settings” folder, you can execute backtest.bat and see the screen as below,

```

C:\WINDOWS\system32\cmd.exe
4-Batch-Backtester-master\testing - optimazation\backtest>cscript backtest.vbe
Microsoft (R) Windows Script Host Version 5.812
Copyright (C) Microsoft Corp. 1996-2006, 著作權所有, 並保留一切權利

copying from mother folders, please wait...

    backtest: 2024725_152739
      expert: EA_Loong
    for symbols: EURUSD
      period: 2024.01.01 to 2024.02.01
    for timeframe: M5
      spread: 7
      deposit: 6000
      parm1:
      parm2:
      parm3: 8.5, 10.5
      set: settings\
        : 1 = EA_Loong3_M5_EU_2024-06-07.set
      total: 1 setting file(s).
      result: reports\2024725_152739\

processing: EA_Loong_1_EURUSD_M5_P3[8dot5]_20240101-20240201
processing: EA_Loong_1_EURUSD_M5_P3[10dot5]_20240101-20240201



    backtest: completed, please find summary report in the browser.

```

After backtest is done, you can get the **summary in browser** as below,

**Strategy Tester Summary**  
**EA\_Loong**  
 Alpari-Pro.ECN-Demo (Build 1420)

Batch: 2024725\_152739  
 Symbols: EURUSD  
 Period: 2024.01.01 to 2024.02.01  
 Timeframe: M5  
 Spread: 7  
 Deposit: 6000  
 Parm1:  
 Parm2:  
 Parm3: 8.5, 10.5  
 Set : 1 = EA\_Loong3\_M5\_EU\_2024-06-07.set

#	Description	Graph	Symbol	TF	Deposit	Net Profit	Profit Factor	P/MDD	Maximum DD	Relative DD	Total Trades	Win Rate	Parm1	Parm2	Parm3	Setting
1	<a href="#">EA_Loong_1_EURUSD_M5_P3[8dot5]_20240101-20240201</a>		EURUSD	M5	6000	54.47	2.30	1.41	38.50	0.64%	28	67.86%			8.5	<a href="#">EA_Loong3_M5_EU_2024-06-07.set</a>
2	<a href="#">EA_Loong_1_EURUSD_M5_P3[10dot5]_20240101-20240201</a>		EURUSD	M5	6000	46.95	2.16	1.19	39.49	0.65%	26	61.54%			10.5	<a href="#">EA_Loong3_M5_EU_2024-06-07.set</a>

## How to execute in parallel ?

Extract the **backtest.zip** in other folder name (e.g. **backtest01**, **backtest02**)

Update the parameters in **backtest.ini** & put your set into “**settings**” folder

**Execute backtest.bat** which can be executed independently.

~ enjoy ~

☺☺☺ If you like the software, buy me a coffee below,

[Marco Y is algortrade trader and developer. \(buymeacoffee.com\)](https://buymeacoffee.com/MarcoY)