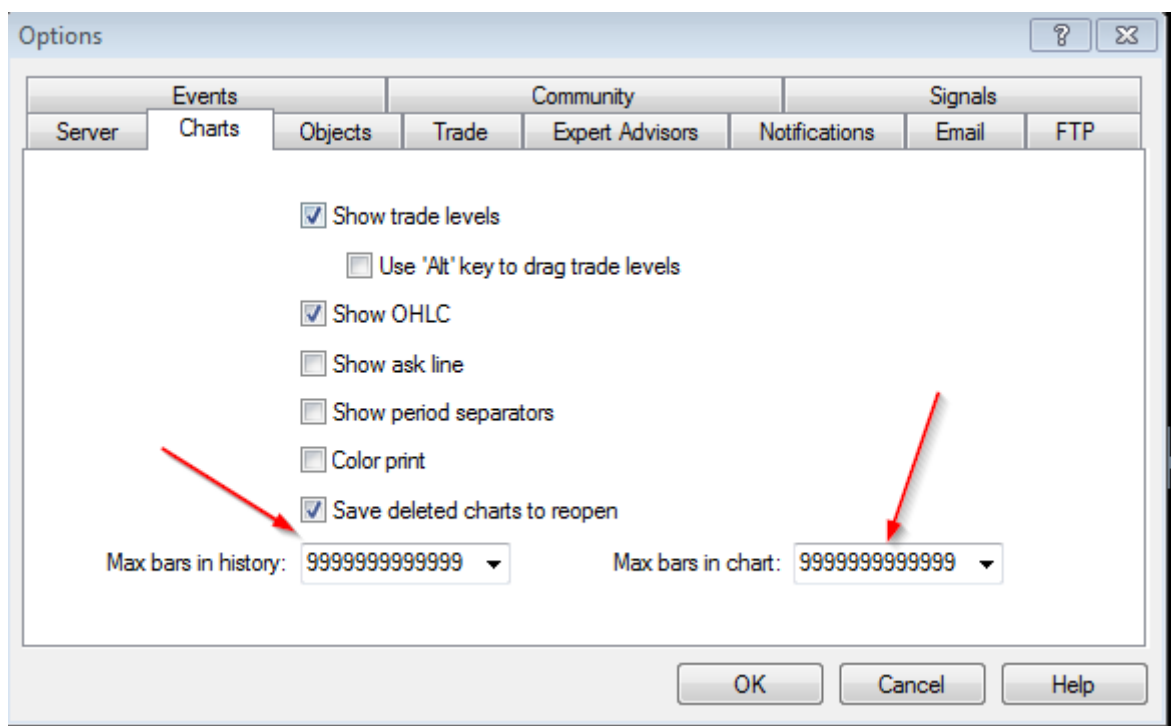# Example on how to get : fractals, zigzag, candles data from MT4
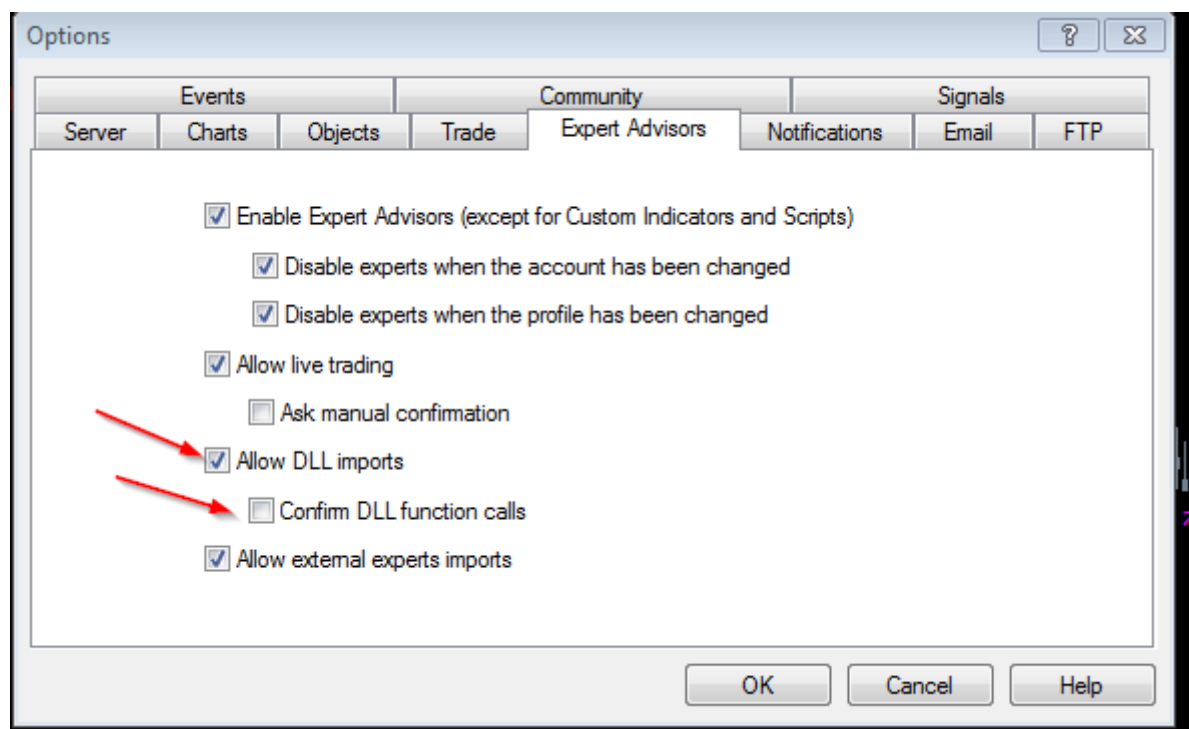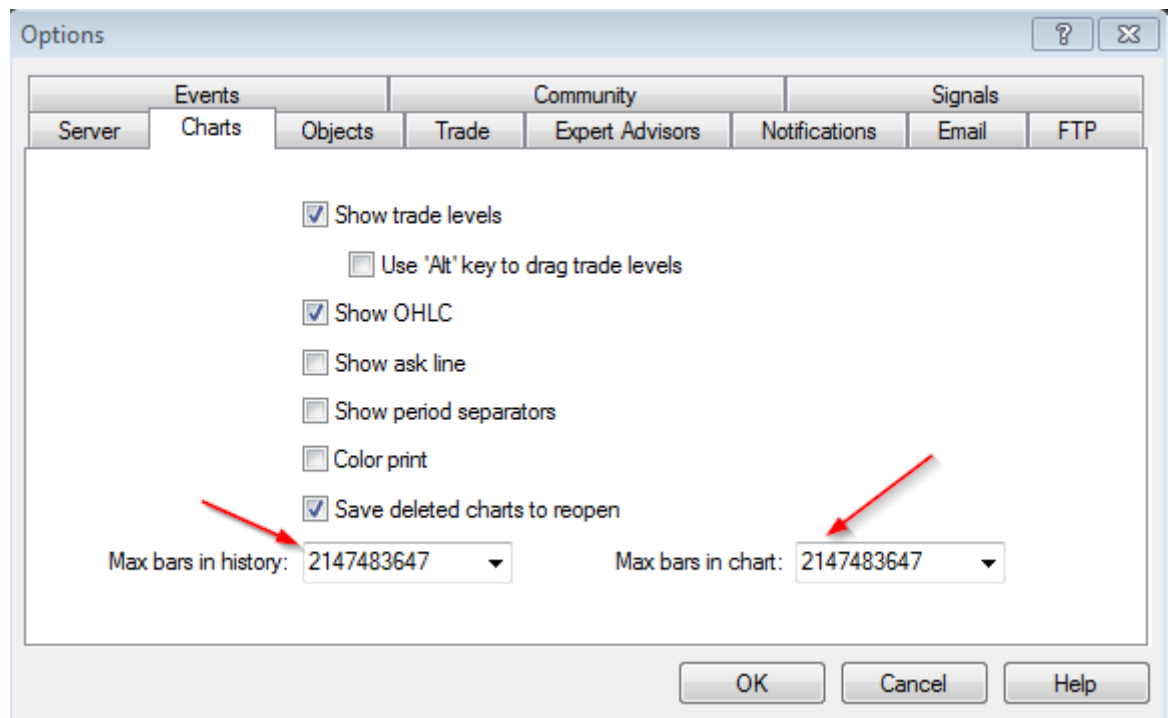
A) Preparing historical data for MT4
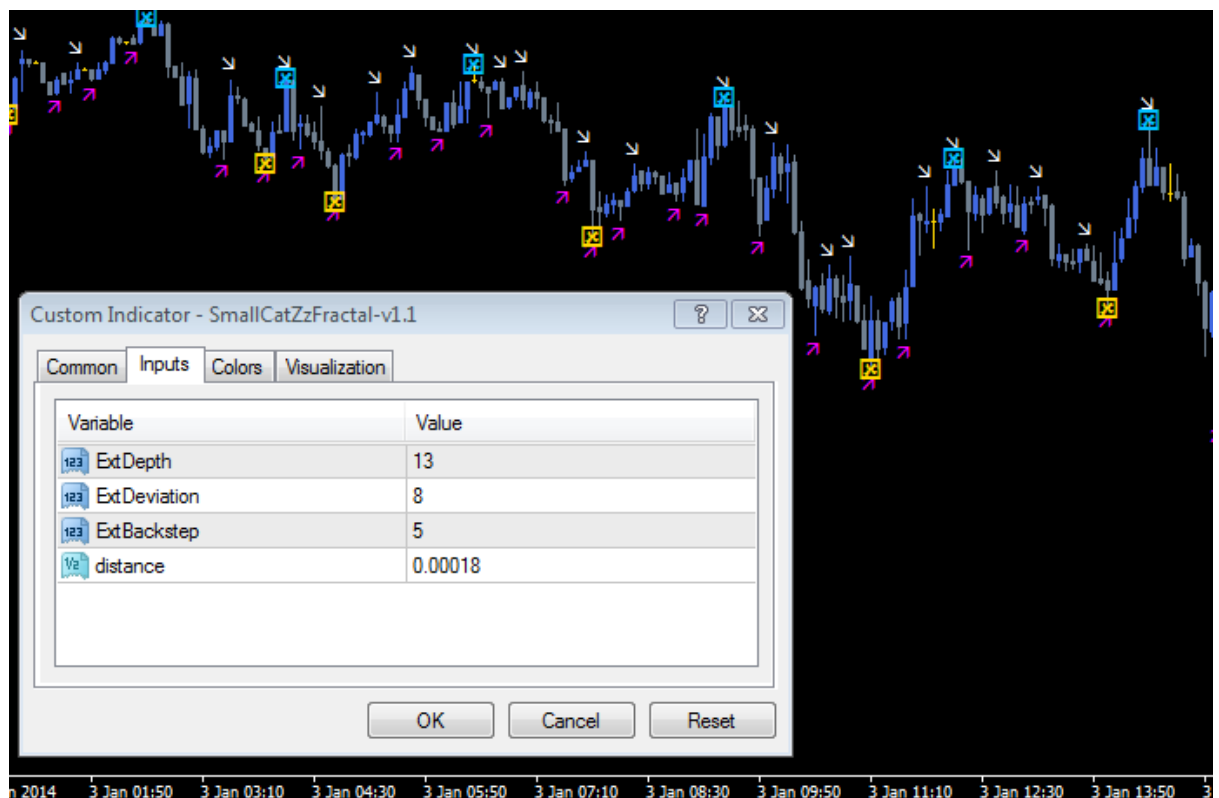
Please see also : http://eareview.net/tick-data

1) Download "**Tickdata downloader**" (it will download the tickdata from ducascopy) from : http://www.strategyquant.com/tickdatadownloader/
(thanks to **starry** for this information). **killerno** use **Ducascopy Jforex** to download history data and convert to MT4. I never use Jforex, but i think it can also be used for this purpose.

2) We can define (from setting) the download folder & CSV file

3) After downloading the tick data, do not forget to "**Generate the CSV** " file. Then put this CSV file to 3**your_mt4_broker/experts/files/** folder (the name of file must be just the pair name, ex: **EURUSD** , do not use other name like EURUSD-2013-12-10 etc ...)

4) Use "**csv2fxt**" script to convert CSV to HST needed by MT4 : http://eareview.net/tick-data/convert-tick-data

5) After download csv2fxt, put the file to its right place (**your_broker_name/experts/include , libraries, scripts**) => see also files ship as zip together with this pdf file.

6) Before starting MT4, **delete history** file under your_broker_name/history/DemoServer (or RealServer ... etc) , depend on the pair you are going to convert to HST (ex. delete EURUSD5.hst => it will delete history of EU M5).

7) Start your MT4, open chart (ex. EU M5) without any indicator. Make changes to MT4 max bar setting : Tools => option => charts & Tools => Option => Expert Advisor (see images below). Later MT4 will change the maxbars value to : 2147483647. **Attach the script CSV2FXT to your M5 chart** You will see the progress (in %) on the top left of your chart.

8) After finish, it will create M1 - MN1 history data (if it is not exists). But, for better result, if you want to get M15 history data, just delete the history of M15. Then do the same process like for M5. So, **do it for every TF you want** .....

Options

| Server | Charts | Objects | Trade | Expert Advisors | Notifications | Email | FTP |

☑ Show trade levels

☐ Use 'Alt' key to drag trade levels

☑ Show OHLC

☐ Show ask line

☐ Show period separators

☐ Color print

☑ Save deleted charts to reopen

Max bars in history: 2147483647 ▼   Max bars in chart: 2147483647 ▼

[OK] [Cancel] [Help]

Options

Events   Community   Signals

| Server | Charts | Objects | Trade | Expert Advisors | Notifications | Email | FTP |

☑ Enable Expert Advisors (except for Custom Indicators and Scripts)

☑ Disable experts when the account has been changed

☑ Disable experts when the profile has been changed

☑ Allow live trading

☐ Ask manual confirmation

☑ Allow DLL imports

☐ Confirm DLL function calls

☑ Allow external experts imports

[OK] [Cancel] [Help]

B) Attach "SmallCatZzFractal-v1.1" indicator to MT4

C) Attach "mt4tofile-2011-2012" script MT4

To get data from year 2011-2012, just attach the script to MT4. It just need some minutes, and you can find the "allcandles-2011-2012.csv" under ...../experts/files/ folder.

Format:
[Pair] [TF] [candleTime] [open] [high] [low] [close] [candleUpDown] [Fractal] [zzLegId]
[zzUpdown] [lastZzEndPrc]
We can modify the "mt4tofile-2011-2012.mq4" file to take the data for year 2013, or other old years.