

The EA needs to be Created for MQL4 and MQL5 (MT4 and MT5 platform)

The objective of this Expert Advisor is to extract all transactions from the MetaTrader platform history. For MT5, it is necessary to use Deals (for closed trades) and orders/positions (for open trades/pending)

It is essential to extract both closed trades from the history and currently open trades, which should be separated.

All relevant values from each transaction must be captured, such as order comment, order type, order open price, and order close price. A more comprehensive list can be found in the attached.

It is also crucial to export deposits and withdrawals, and any other information that impacts the balance/equity like Credits, Bonus etc.....

After the export has occurred, all collected data must be sent to a sample server provided in the attachment via an HTTPS POST call. The URL is <https://auto.darkeas.com/webhook/test>

The POST call must also use a DLL because we want to simplify the use of the Expert Advisor for users. If possible, avoid using a separate DLL file, but instead incorporate the DLL calls within the MQ4 and MQ5 expert advisor files.

(we don't want to use mql4/mql5 webrequest function)

Since historical operations in MetaTrader 4 are not visible if hidden, a DLL call is required to ensure that the history is fully displayed on MetaTrader 4 before data collection. (Example code found online in attachment)

It is also necessary to extract and send other relevant data.

Once all the data has been extracted and sent to the designated server, it will be necessary to send updates to the server at variable intervals, which can be adjusted in the settings (for example, every 5 minutes or every 15 minutes).

The update should include any new orders in the history and the refresh of current positions.

The expert advisor should account for potential disconnections; therefore, if the server disconnects, it must resend the previous operations. (in case 15 minutes, send failed, the next attempt the EA needs to send the data for the last 30 minutes)

For example, you could save all the operations tickets that have been sent so far, in an array into the EA, and resend any that are missing.

List of useful parameters to extract for any order/trade/deal:

OrderClosePrice(), OrderCloseTime(), OrderComment(), OrderCommission(), OrderExpiration(), OrderLots(), OrderMagicNumber(), OrderOpenPrice(), OrderOpenTime(), OrderPrint(), OrderProfit(), OrderStopLoss(), OrderSwap(), OrderSymbol(), OrderTakeProfit(), OrderTicket(), OrderType() and equivalent for mt5 -> in addition for mt5 get also DEAL_FEE, And any other information that impacts the balance/equity.

List of other relevant data:

ACCOUNT_LOGIN, ACCOUNT_TRADE_MODE, ACCOUNT_LEVERAGE, ACCOUNT_LIMIT_ORDERS,
ACCOUNT_MARGIN_SO_MODE, ACCOUNT_TRADE_ALLOWED, ACCOUNT_TRADE_EXPERT,
ACCOUNT_BALANCE, ACCOUNT_CREDIT, ACCOUNT_PROFIT, ACCOUNT_EQUITY, ACCOUNT_MARGIN,
ACCOUNT_MARGIN_FREE, ACCOUNT_MARGIN_LEVEL, ACCOUNT_MARGIN_SO_CALL,
ACCOUNT_MARGIN_SO_SO, ACCOUNT_MARGIN_INITIAL, ACCOUNT_MARGIN_MAINTENANCE,
ACCOUNT_ASSETS, ACCOUNT_LIABILITIES, ACCOUNT_COMMISSION_BLOCKED, ACCOUNT_NAME,
ACCOUNT_SERVER, ACCOUNT_CURRENCY, ACCOUNT_COMPANY, ACCOUNT_TRADE_MODE_DEMO,
ACCOUNT_TRADE_MODE_CONTEST, ACCOUNT_TRADE_MODE_REAL,
ACCOUNT_STOPOUT_MODE_PERCENT, ACCOUNT_STOPOUT_MODE_MONEY, TimeCurrent(),
And of course mql5 equivalent.

Metatrader 4 Show all History via DLL:

```
#include <WinUser32.mqh>
#import "user32.dll"
    int  GetAncestor(int, int);
#import
#define GA_ROOT 2
    // https://forum.mql4.com/ru/14463/page5#401551
    #define MT4_WMCMD_ALL_HISTORY 33058

void SendAllHistoryCommand()
{
    int  main = GetAncestor(WindowHandle(Symbol(), Period()), GA_ROOT);
    PostMessageA(main, WM_COMMAND, MT4_WMCMD_ALL_HISTORY, 0);
}

void OnStart()
{
    SendAllHistoryCommand();
    Sleep(5000);
    //rest of the code
}
```

You need to deliver the source codes, then leave me full ownership of the EA, leaving me 100% copyright on it (for use, sale, publish or anything other) by accepting the job you accept this

Remember that it is necessary to deliver the EA without errors