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# **MetaTrader4 Collective2 Connection Library**

*OpenThinking Systems, LLC*

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## 2 Summary

This Meta Trader 4 library will allow, after simple modification, any Expert Advisor (“EA”) to send its trades to Collective2 (<http://www.collective2.com>). This will enable EA developers to sell the signals developed by that Expert Advisor as well as provide independent third-party monitoring of the system.

This library consists of a compiled MetaTrader library and an EA that will automatically send the trades to Collective2.

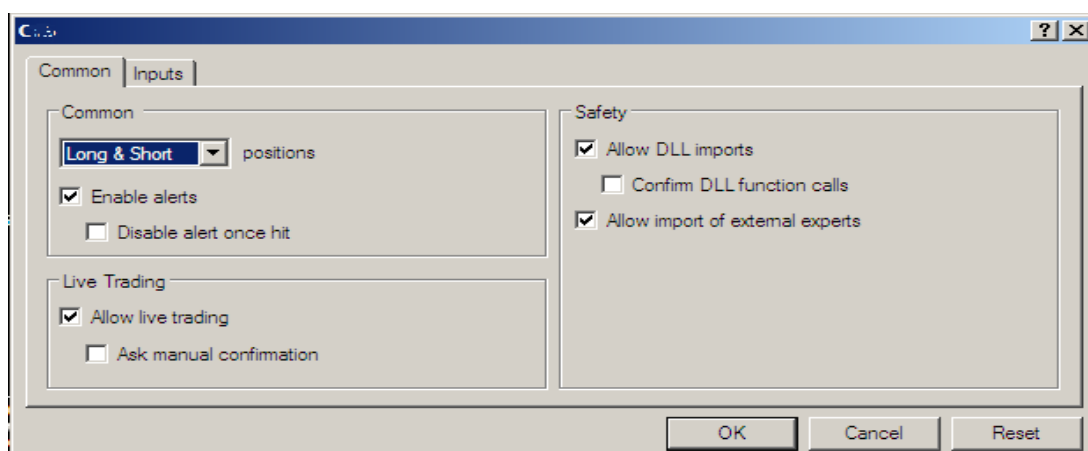
By sending signals to Collective2, a trader can easily provide third-party verified trading results as well as make some additional money through the sale of signals to independent traders.

## 3 Computer Requirements

MetaTrader Version 4 needs to be installed. The library was testing with Build 220.

## 4 Installation and Use

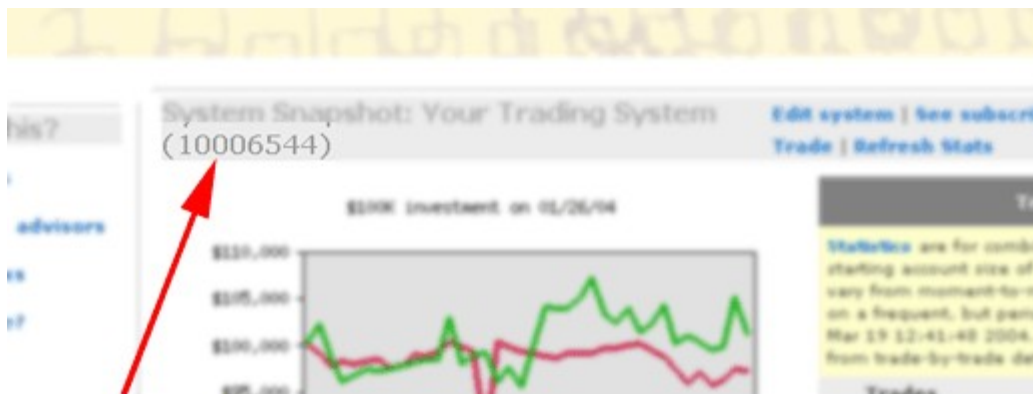
The method to send trades through to Collective2 is to use the Expert Advisor called TradeMonitorBasic.ex4. When attached to any chart, it will monitor the MetaTrader platform for all trades, including those generated by an EA and manual trades (even in different currencies then the one the EA is attached to) and send the trades to Collective2. When it is attached to any chart, the “Allow DLL imports” checkbox needs to be selected, as follows:



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The TradeMonitorBasic.ex4 script has the following external parameters:

- C2SystemID = the unique system id associated with the Collective2 listing. It can be found as follows:



- C2Password = The password you use to logon to Collective2.
- C2Email = Email address you use to logon to Collective2.
- C2LotMultiplier = a value to multiply the lot size traded within MetaTrader prior to sending to Collective2. For example, if MetaTrader is trading in lots 0.10, a multiplier of 10 would tell Collective2 to trade 1 lot. A lot at Collective2 needs to be at least 1.
- Ignore\_MT4Stoploss = if set to true, the stoploss value is not sent to Collective2.
- Ignore\_MT4TakeProfit = if set to true, the takeprofit value is not sent to Collective2.
- SuppressAlertsOrderModify = if set to true, no alert will let you know that this is the basic version without OrderModify support.
- SecondsBetweenPolling = the interval for the TradeMonitorBasic script to wait before examining your account to see if there is any trading activity. This can be any value (even less than 1), but the lower the value is, the more likely your Terminal may be locked up while sending orders.
- TurnOnDebug = if true, message boxes will appear on each request to Collective2. These will show the request and response which may be useful in debugging trades that do not appear in Collective2.

The EA is added just like any other EA and only needs to be attached to one chart. It will monitor every possible trade.

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## 5 Frequently Asked Questions

### 1. When a trade is sent to Collective2, it is showing bizarre (and large) lots sizes. Why?

Collective2 cannot accept trades for fractional lots that are less than 1, such as 0.20. If it receives an order with that amount, it has recalculated the lot size to large numbers. Check your lot multiplier and lot sizes within your EA to make sure they will trade lots larger than 1.

The EA will provide an alert if the lot size being calculated is invalid. If you see a trade that is not being sent, examine your 'expert' logs.

### 2. Why aren't my hedges being sent to Collective2?

Collective2 does not accept hedges. However, the library is designed to ignore the hedging trade (until it is no longer a hedge). You will see an alert in the 'experts' tab.

### 3. Something isn't quite right. The trades aren't being sent to Collective2.

First try looking at your 'expert' logs for when the order was created in MetaTrader. There may be a message from the library reflecting what occurred.

If that doesn't work, try setting TurnOnDebug to true. This will display a Windows Message Box with the request and response from Collective2 a

## 6 Support

Should any issues arise when using this external library, please post on the MetaTrader forums on the Collective2 website, or send an email to [mthelp@collective2.com](mailto:mthelp@collective2.com)

## 7 Related Documentation

Document	Location/Filename
MetaQuotes	<a href="http://www.metaquotes.net">http://www.metaquotes.net</a>
LibCURL (used to make the web request)	<a href="http://curl.haxx.se/">http://curl.haxx.se/</a>