

MT4 Bridge

Getting Started

User Guide

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Release History

STATUS	VERSION	DATE	CHANGES MADE
Draft	0.1	Jan. 2015	Initial Document Creation
Update	1.0	Oct. 2015	Documentation Update
Update	1.1	Feb. 2016	Documentation Update
Update	1.2	Oct. 2017	Documentation Update

1. ABOUT THIS DOCUMENT

The purpose of this user guide is to instruct the user on the necessary steps to be taken when first installing the MT4 bridge/plugin and when any necessary changes/updates have been made.

The user guide will clearly list out ALL steps that must be taken by the user in order to minimize any risk/errors that might occur during necessary updates/changes. If during any of the listed situations, you find you are unable to complete a step or are unclear about the instructions, please make sure you contact a member of our support team, either by:

- i. Sending an email to the support email
- ii. Contacting the helpline, making sure you have the identification credentials ready

2. FIRST INSTALL

2.1. NECESSARY FILES

Once installation of the bridge/plugin has been completed by GES, a ZIP file named, xxx.zip, will be sent out; the files contained in the zip must be copied to the correct directories.

2.1.1. Plugin Files

The following files need to be copied into the listed locations in order for the plugin to function correctly:

- i. D:\MetaTraderServer\plugins\TradesAdapter.dll
- ii. D:\MetaTraderServer\plugins\TradesAdapter.ini
- iii. D:\MetaTraderServer\plugins\ManagerAPI\mtmanapi.dll
- iv. D:\MetaTraderServer\plugins\OpenSSL\libeay32.dll
- v. D:\MetaTraderServer\plugins\OpenSSL\ssleay32.dll

2.1.2. Data feed Files

The following files need to be copied into the listed locations in order for MT4 to connection and receive the price feed from the GES Price Feeder:

- i. D:\MetaTrader4Server\datafeed\GES-IFXFeederEX.feed
- ii. D:\MetaTrader4Server\datafeed\GES-IFXFeederEX.cfg

2.1.3. Logs

Logs for both the plugin and data feed can be found in their respective directories, as listed below:

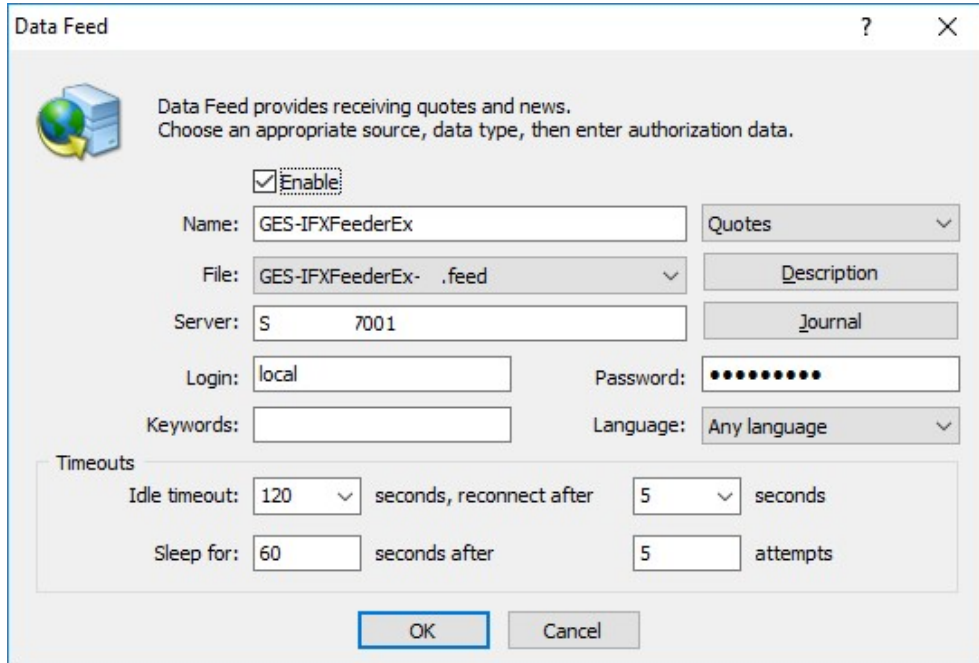
- i. D:\Log\MT4\Plugin\
- ii. D:\Log\MT4\Datafeed\

2.2. DATA FEEDS

2.2.1. Enable Data Feed

To enable the data feed:

- i. On MT Administrator, open the Data feeds section and double-click on the “GES-IFXFeederEx” plugin to open the settings panel for the plugin



- ii. Tick the “Load at server startup” checkbox and click on “OK”
- iii. Restart the MT4 server in order for the changes to take effect

2.2.2. Disable the Plugin

To disable the plugin:

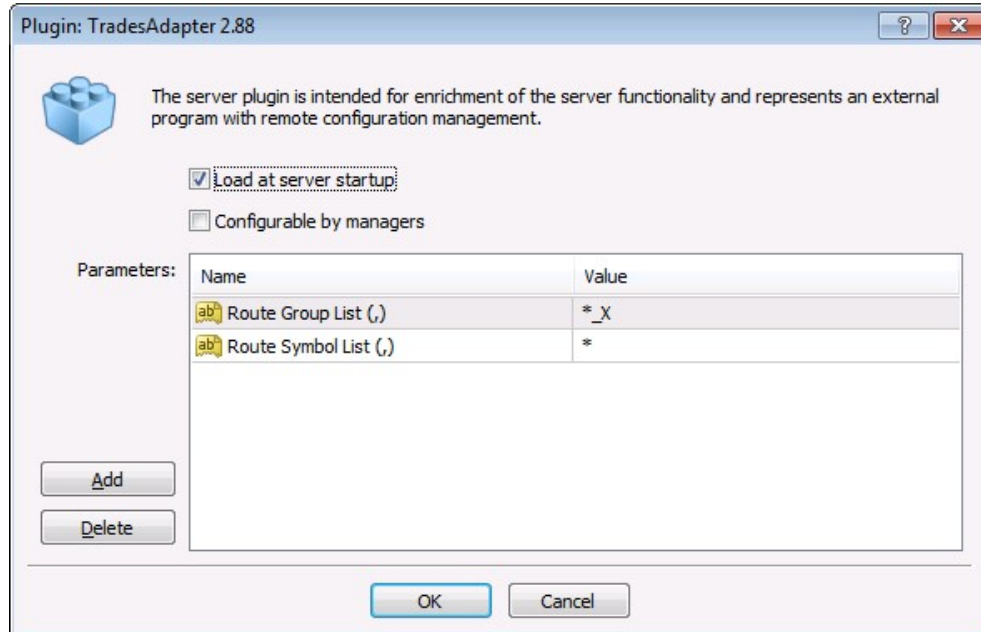
- i. On MT4 Administrator, open the “GES-IFXFeederEX” plugin settings panel
- ii. Untick the “Load at server startup” checkbox and click on “OK”
- iii. Restart the MT4 server in order for changes to take effect

2.3. PLUGIN

2.3.1. Enable the Plugin

To enable the plugin:

- i. On MT Administrator, open the Plugin section and double-click on the “TradesAdapter” plugin to open the settings panel for the plugin



- ii. Tick the “Load at server startup” checkbox and click on “OK”
- iii. Restart the MT4 server in order for the changes to take effect

When the MT4 Server has restarted, the plugin will also start up and should be ready for use.

2.3.2. Disable the Plugin

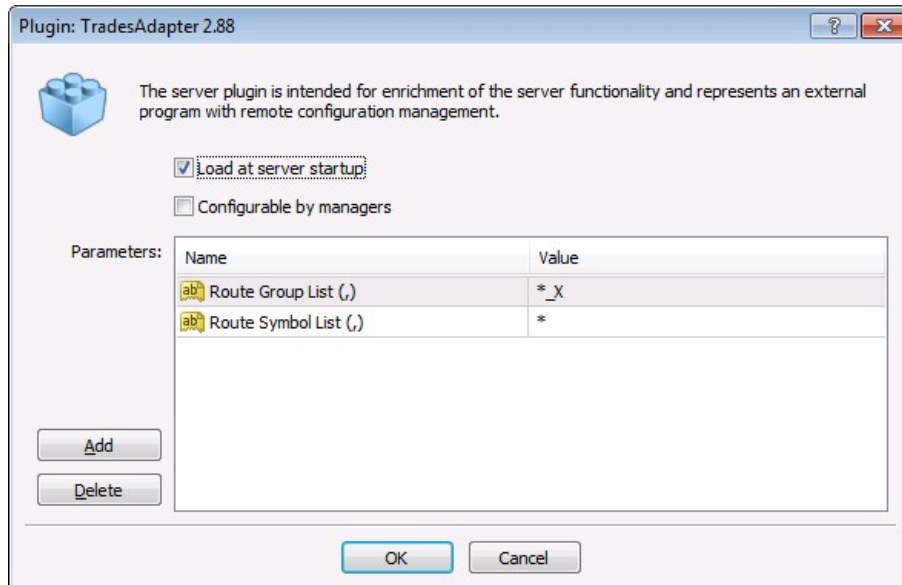
To disable the plugin:

- i. On MT4 Administrator, open the “TradesAdapter” plugin settings panel
- ii. Untick the “Load at server startup” checkbox and click on “OK”
- iii. Restart the MT4 server in order for changes to take effect

When the MT4 Server has restarted, the plugin will no longer start up since it has been disabled, and will not be available until it has been enabled again.

2.3.3. Setting the Plugin Parameters

The plugin can be set to either allow or deny certain groups or products to access the bridge, to control which orders are routed out.



This section will explain in more detail each parameter and how to set up the parameter.

2.3.3.1. Route Group List (,)

The Route Group List is used to select which specific groups will and will not have their orders routed to the Bridge.

Parameter Name	Value Type	Sample Value	Dependent Parameter
Route Group List (,)	Comma-List of MT Groups	!demo forex, *	Route Symbol List (,)

- Only groups listed in this parameter AND symbols listed in “Route Symbol List (,)” will be sent to the Bridge

-

When entering a value for this parameter, the value should follow:

*: All groups will be routed

!*: None of the groups will be routed

! – Negation, place the negation in front of a group to exclude the group; limitation: negation list **MUST** be placed at the start of this value, e.g. !demo forex, *

2.3.3.2. Route Symbol List (,)

The Route Symbol List is used to select which specific products will and will not have their orders routed to the Bridge.

Parameter Name	Value Type	Sample Value	Dependent Parameter
Route Symbol List (,)	Comma-List of MT Symbols	!*USD, *	Route Group List (,)

- Only symbols listed in this parameter AND groups listed in "Route Group List (,)" will be sent to the Bridge

When entering a value for this parameter, the value should follow:

*: All symbols will be routed to Bridge

!*: None of the symbols will be routed to Bridge

! – Negation, place the negation in front of a symbol to exclude the symbol; limitation: negation list MUST be placed at the start of this value, e.g. !USDJPY, *

2.3.3.3. Example

Route Group List(,) = !groupB,*

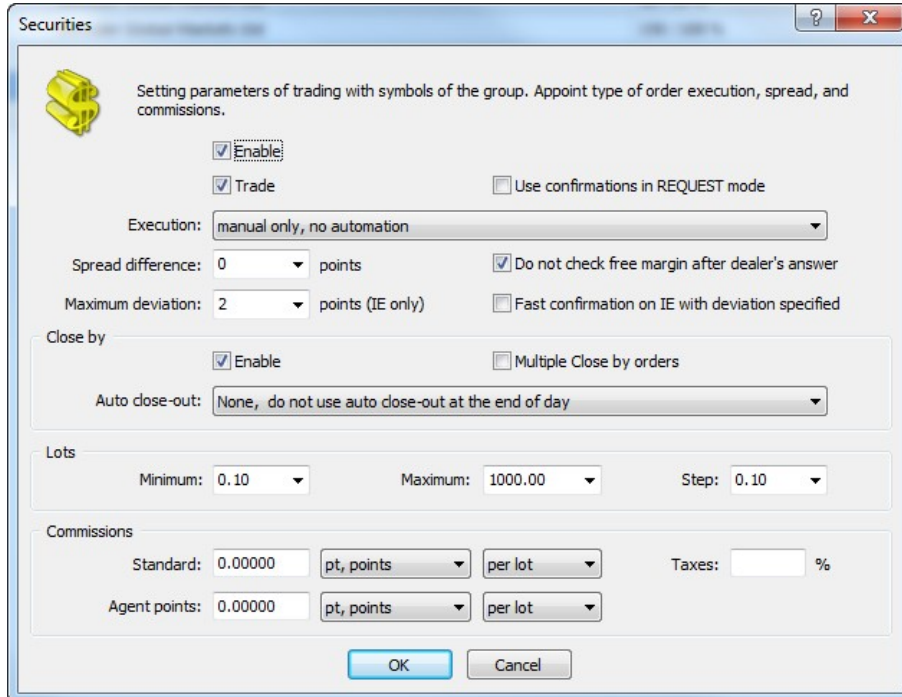
Route Symbol List(,) = !*USD*,*

- Client from groupA places order for EURGBP and USDJPY; only the EURGBP order will be sent to the Bridge
- All orders from groupB will not be sent to the Bridge

3. MT4 GROUP AND SECURITIES SETUP

Inside Group → Securities, make sure that all A-Book groups (i.e. No dealer accept/reject) shall be setup, and must remain, as shown in the following section.

3.1. MT4 ADMINISTRATOR



The screenshot shows the 'Securities' window in the MT4 Administrator. The window title is 'Securities'. It contains the following settings:

- Enable:** ☒ (checked)
- Trade:** ☒ (checked)
- Use confirmations in REQUEST mode:** ☐ (unchecked)
- Execution:** manual only, no automation (dropdown menu)
- Spread difference:** 0 points (dropdown menu)
- Do not check free margin after dealer's answer:** ☒ (checked)
- Maximum deviation:** 2 points (IE only) (dropdown menu)
- Fast confirmation on IE with deviation specified:** ☐ (unchecked)
- Close by:**
 - Enable:** ☒ (checked)
 - Multiple Close by orders:** ☐ (unchecked)
- Auto close-out:** None, do not use auto close-out at the end of day (dropdown menu)
- Lots:**
 - Minimum:** 0.10 (dropdown menu)
 - Maximum:** 1000.00 (dropdown menu)
 - Step:** 0.10 (dropdown menu)
- Commissions:**
 - Standard:** 0.00000 (text input), pt, points (dropdown), per lot (dropdown)
 - Taxes:** % (text input)
 - Agent points:** 0.00000 (text input), pt, points (dropdown), per lot (dropdown)

At the bottom are 'OK' and 'Cancel' buttons.

- If the Security is to be traded and available, the following settings are required:
 - Execution: manual only, no automation
 - Tick the “Do not check free margin after dealer’s answer” checkbox
- If the Security will not be available for trading:
 - Un-tick the “Trade” checkbox
 - Un-tick the “Enable” checkbox

Bear in mind:

- For B-Book groups (i.e. with dealer accept/reject), to prevent orders being made when there is insufficient margin, the “Do not check free margin after dealer’s answer” checkbox needs to be unticked.

~END~