

Currency Exchange Bridge

Main goal of this development is to automate receiving of currency exchange requests from broker's clients using MT4 platform.

Development details

Bridge is supposed to enable only following actions:

1. Receiving trade requests from clients over FIX API
2. Ability to provide quotes for direct and reverse symbols (e.g. EURUSD and USDEUR) over FIX API
3. Calculation and provision of quotes for synthetic symbols (e.g. RUBJPY and JPYRUB)
4. Reading configuration for symbols, markups and trade size limits from .CSV file
5. Having different markups for bid and ask
6. Applying minimal changes to quotes if there's no new quote over a period of time
7. Filtering requests using trade size limits settings, trades within certain trade size should be confirmed automatically
8. Trades above certain trade size limits are sent to manual dealer
9. If large trades are executed automatically (above certain trade size), the notification should be sent over Telegram app.