Installation Instructions

Oanda fxTrade Configuration:

Make sure you have a v20 fxTrade account:
If you wish to use artificial hedging (1 account for long trades, 1 account for short trades), make sure to have two accounts.
1. Log in to your Oanda account (live or demo)
2. Select "Add Sub-Account"
3. Create an account. This must be a **v20 fxTrade** account <u>not</u> a v20 MetaTrader 4 account.
4. Name the account whatever you like but make note of the v20 account number for each since you will need it later.

Sign up for API access:
Ditto will need access to the Oanda v20 API to perform trading activities.
1. Log in to your Oanda account (live or demo)
2. Under "My Services" select "Manage API Access"
3. Press the "Generate" button.
4. Copy down the API key that is generated.

MT4 Configuration:

Place Ditto.ex4 into the Experts folder:
Place the files that you downloaded in the necessary folders:
1. Open your data folder. This can be done by pressing the File dropdown at the top of MT4 and then choosing "Open Data Folder".
2. Navigate to mql4/Experts
3. Place the Ditto.ex4 in this folder

DittoLink Configuration:

Extract DittoLink.zip:
1. Extract the two files, DittoLink.exe and config.ini to a folder anywhere you like.

Add the path to your MT4 terminal(s) to the config.ini file:
1. In the MT4 terminal where you will be running Ditto, select the File dropdown at the top and then choose "Open Data Folder".
2. Copy the path and paste it into the config.ini file after MT4DataFolder = (for example: MT4DataFolder = D:\Trading\OANDA - MetaTrader – Demo)
3. If you will be running Ditto on multiple terminals separate each path name with a comma.

Running The EA

1. Run DittoLink, paying attention to any configuration warnings if they appear.
2. Drag Ditto to an empty chart and set your configuration options.
3. Pay attention to the Status message at the top of the dash for any configuration issues.

Dashboard Functions

- Pressing the + symbol next to any pair or anywhere on the row will display the individual trades that are open for the given pair.
- Pressing the + symbol in the header will display all individual trades that are open for each pair.
- Pressing "Lots" on either the MT4 or fxTrade side will change the lot display from the standard display to units.
- Trade numbers displayed in green are long trades, while trade numbers displayed in red are short trades.

EA Properties

Oanda Account Settings

System Name
(Required). This can be any name you choose but should be distinct from any other instances of Ditto that you are running.

1st Oanda fxTrade Acct. Number
(Required). Enter your fxTrade v20 account number.

2nd Oanda fxTrade Acct. Number
(Optional). Enter a second fxTrade v20 account number if you are using one account for short trades and another for long trades. The first account will be used for short trades.

Your Oanda v20 API Key
(Required). Paste your Oanda v20 API key here.

Type of Account
Are the account details provided above for a demo account or a live account.

Trade Details

MT4 Magic Number

The Magic Number that Ditto will be copying trades from. If you would like all trades from this terminal to be copied enter 0 here.

Trading Direction to Monitor

Copy Short and Long Trades: Copy all trading activity of the given Magic Number in any direction.

Copy only Short Trades: Copy only short trading activity of the given Magic Number.

Copy only Long Trades: Copy only short trading activity of the given Magic Number.

Percent of MT4 Trade Size

Trades placed on fxTrade will be X% of the MT4 trade size. For example entering 10 here would place 0.01 MT4 trades on fxTrade as 0.001. The smallest possible number to enter here would be 0.1 (1/10th of 1% which would translate as 0.00001 or 1 unit).

Copy Pending Trades (Only works with Oanda MT4)

Copy pending MT4 trades to fxTrade. Due to pricing differences between different brokers this will only work correctly on an Oanda MT4 terminal. On other terminals once a pending trade is triggered it will still open a trade on fxTrade you will just not get the any advantages of pending trades, such as null slippage.

Increase each trade by 1 unit (US FIFO)

(Highly Recommended). This will increase each trade size by 1 unit and eliminates any possibility of a trade being affected by FIFO rules. 1 unit would affect the profit/loss of a trade by a fraction of a penny per pip, so there is no reason not to enable this if you are in the US.

Dashboard Display

Include Finance Charges in P/L Totals?

Oanda fxTrade calculates finance charges on an intraday basis. Do you want to include the finance charges in the displayed totals?

<u>Offset to Adjust Short P/L Reported by Oanda</u>
This will adjust the Short P/L displayed in the dashboard by the defined negative or positive offset you define here. This has no effect other than to change the P/L displayed amount.

<u>Offset to Adjust Long P/L Reported by Oanda</u>
This will adjust the Long P/L displayed in the dashboard by the defined negative or positive offset you define here. This has no effect other than to change the P/L displayed amount.

<u>Size of rows in dash</u>
Change the height of the displayed rows in the dash. The font sizes of the rows are also affected by this setting.

<u>Header Text Size</u>
The size of the text in the header of the dash.

<u>Disclaimer and Risk Disclosure</u>

Trading foreign exchange on margin carries a high level of risk, and may not be suitable for all investors. The high degree of leverage can work with as well as against you. Before deciding to invest in foreign exchange you should carefully consider your investment objectives, level of experience, and risk appetite. The possibility exists that you could sustain a loss of some or all of your initial investment and therefore you should not invest money you cannot afford to lose. You should be aware of all the risks associated with foreign exchange trading, and seek advice from an independent financial advisor should you have any doubts.

I will put this a tad more bluntly:
Most Forex traders lose all their money.

- Using this EA in trading Forex does not guarantee success.
- Trading with this EA could lead to serious financial loss.
- Trading this EA without understanding what it does guarantees traders will lose their money.