DEMO

1. First you need IB Gateway / TWS from Interactive Brokers (for this demo I use TWS)

Here is the login form of TWSC:\Users\Frandy\Desktop\for scot\step1.JPG

1. Login the tws using demo account :
   1. Username : edemo
   2. Password : demouser

And then click login.. C:\Users\Frandy\Desktop\for scot\step2.JPG

1. After that you are successfully connect to Interactive Broker via TWS.. So basically user need to download TWS / IB Gateway to use this application.. That’s the only way to use Interactive Broker API..

Interactive Brokers

TWS / IB Gateway

(choose one)

XtendTrading Bot

1. This is the display when TWS is successfully connected.. C:\Users\Frandy\Desktop\for scot\step3.JPG
2. Now let’s open our application.. XtendTrading Bot..

Here is the connection display :C:\Users\Frandy\Desktop\for scot\step4.JPG

For now the IP Address, just leave blank, because we open TWS in same computer…

Default port is 7496, to change the port, you can change it in your TWS / IB Gateway

Client ID is use when you want to use two application, but for now, just use 0

1. After that, just press Connect.. If you don’t want to connect to TWS and just want to feel the application, just press “Demo Only”.. If your configuration correct, the TWS will read your request and ask for permission..

If you use IB Gateway, it will be directly connected without any permission..

C:\Users\Frandy\Desktop\for scot\step4b.JPG

1. After that, the second display is login display.. this is used to validate whether the customer already subscribe into your xtendtrading or not.. if you click login you will connect to the web and the website will validate your username and password..

Because the feature is still not complete, we can just leave the username & password blank, and then press Login. C:\Users\Frandy\Desktop\for scot\step5.JPG

1. After that, the next display is Dashboard Display.. In the dashboard there are 4 menu (the current working menu is only start trading for now..)

C:\Users\Frandy\Desktop\for scot\step6.JPG

1. The webservice is still ongoing, haven’t finished yet, so to demo the connection to TWS / IB Gateway, I have created a simple form.. To experiment, just changed 5 field that I circled red..

Id mean Order ID (different with order ID in Tws)

Symbol mean the stock symbol

Action will be “BUY” or “SELL”

Total Order Size will be the size of order

Limit Price is the price. C:\Users\Frandy\Desktop\for scot\step7.JPG

1. For example I will buy Coca cola stock, for size of 10, and the price is 38.0

C:\Users\Frandy\Desktop\for scot\step8.JPG

1. When we press submit, the TWS will automatically receive our request and create an order BUY.. C:\Users\Frandy\Desktop\for scot\step9.JPG