**Release 04 2024-06-20**

Detailed exception handling has been added in this release. See the video SchwabApiCS\_ExceptionHandling.mp4 on the download site

<https://u.pcloud.link/publink/show?code=kZDNyV0ZcetC7iSRwjQSbocjSDF9xSDPj4EV>

Order methods will now return the ordered of the order created or replaced.

Level One Equities Streaming has been added. Other streaming options will follow.

Search “streamer” in MainWindow.xaml.cs for sample code.

Order triggers OCO bracket has been added:

var orderOCO = new SchwabApiCS.Order(Order.OrderType.LIMIT, Order.OrderStrategyTypes.TRIGGER,

Order.Session.NORMAL, Order.Duration.GOOD\_TILL\_CANCEL, 180M);

orderOCO.Add(new Order.OrderLeg("AAPL", Order.AssetType.EQUITY, 1));

var orderTriggersOCO = schwabApi.OrderTriggersOCOBracketAsync(accountNumber, orderOCO, 250M, 150M);

orderTriggersOCO.Wait();

First build the initial order, with a TRIGGER order strategy. Alter the order type, session and duration as needed.

Then call OrderTriggersOCOBracket (or with Async) with the limit price (for profit) and stop price (for a loss). This is a good example of how to build your own special order type.

When debugging your own specialized orders, use order.JsonSerialize() to get the json string that will be sent to Schwab. Do that just before calling OrderExecuteNew() or OrderExecuteNewAsync().

**Release 03 2024-06-13**

I haven't tried buying or selling options yet, but don't expect any problems with those.

I will be adding order methods for option spreads, etc in the near future.

OrderFirstTriggersSecondAsync() has been replaced by OrderTriggersSecondAsync()

See example in MainWindow.cs.

hasError has been changed to HasError for consistency.

Hopefully there will be feew of these type of changes going forward as our code base builds.

Order methods will now return the orderId.

Methods that call the Schwab API will return the "Schwab-Client-Correlid" value in the task object.

This can be used by Schwab API support to diagnose an service call (never tried though).

The Order methods and the Order class (in the Orders folder) have been refactored, restructured to make creating new methods much easier and more generic. Added new order methods OrderTriggersSecond() and OrderOCOBracket().

I'm working on OrderTriggersOCOBracket(), but haven't been able to determine the corrrect json string to submit.

If anyone has a json string example of a working order that triggers a OCO bracket order, let me know.

Some methods have been depreciated. They are marked them as obsolete (search on obsolete).

Change the name of the obsolete method slightly (add x at the end) and the compiller let you know where they are used.