

API Release Notes - Build 9.69

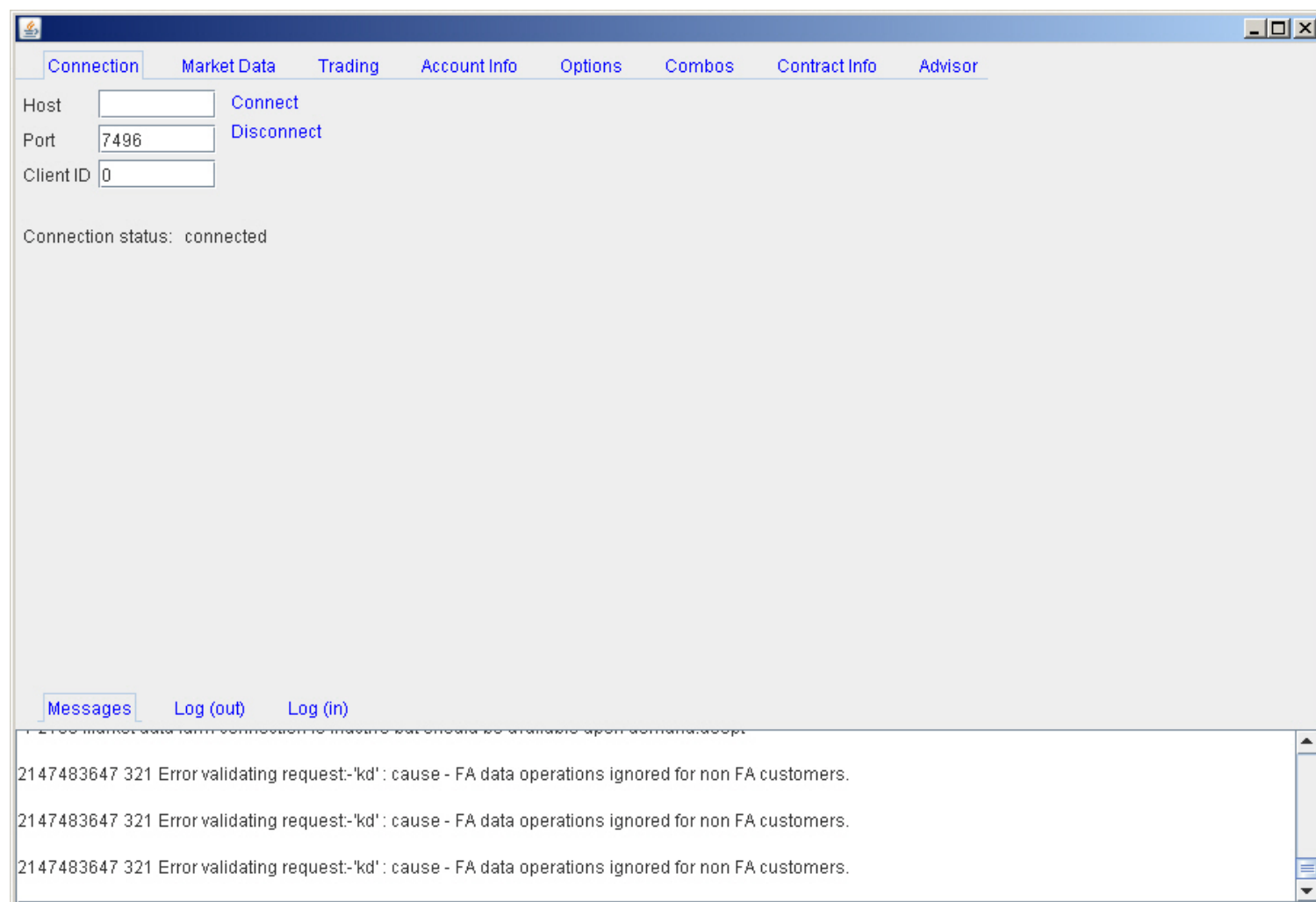
The modifications below are in **build 9.69** of the TWS API.

For clarification on any of the items listed, refer to the appropriate section in the API Reference Guide.

Enhancements

New Java API Sample Client

Beginning in this release, there is a new Java API Sample Client available. The new sample client has been completely rewritten and features many usability enhancements, including a tabbed interface, shown below. This new demo can be found in the API beta installation directory TWS API\samples\Java.



Support for Mini Options Added to DDE for Excel API

Support for mini options has been added to the DDE for Excel API. You now can identify such products by providing the multiplier or trading class in both requests to TWS and responses from TWS. This enhancement requires minimum server version 68.

This release includes an updated version of the DDE for Excel API spreadsheet, *TwsDde.xls*, and an updated version (Version 16) of the file *ddedll.dll*. The updated spreadsheet now includes the Trading Class column on most pages. You use this field to request mini options data from TWS.

Requirements

Mini-option support requires the following:

- The updated Excel spreadsheet requires *ddedll.dll* Version 16 and TWS Version 9.69 or higher.
- Previous versions of the Excel spreadsheet will not work with *ddedll.dll* Version 16 and TWS Version 9.69 or higher.
- However,

TWS Version 9.69 or higher will work with previous versions of the Excel spreadsheet if you are using a previous version of the *ddedll.dll* file.

For DDE syntax examples of mini options data requests, see the [API Reference Guide](#).

Support for Mini Options Added to Active X, Java and C++ APIs

Support for mini options has been added to the Active X, Java and C++ APIs. You now can identify such products by providing the multiplier or trading class in both requests to TWS and responses from TWS. This enhancement requires minimum server version 68.

Specifically, the *tradingClass* string attribute has been added to the Contract structure and removed from the ContractDetails structure in order to support mini options requested by the API. The following requests and callbacks that include the Contract structure as a parameter can now handle the *tradingClass* and *multiplier* attributes for mini options. Also, some of these requests can now use the *conId* attribute to identify a security (these are indicated below).

Requests

- reqMktData
- reqHistoricalData - also *conId*
- reqRealTimeBars - also *conId*
- reqContractDetails
- reqMktDepth - also *conId*
- exerciseOptions - also *conId*
- placeOrder

- calculateImpliedVolatility
- calculateOptionPrice

Callbacks

- openOrder
- updatePortfolio
- execDetails
- position

Note the following:

- *multiplier* is encoded/decoded after *contract.right* and before *contract.exchange* in all requests and callbacks.
- *conid* is encoded after *tickerId/reqId* before *contract.symbol* in all requests and callbacks.
- *tradingClass* is encoded/decoded after *contract.localSymbol* in all requests and callbacks.

The reqFundamentalData request, available for stocks only, can also handle the *conid* attribute in the Contract structure but not *tradingClass* or *multiplier*.

New Methods for Advisors

New methods and their associated events have been added to the ActiveX, Java, and C++ APIs to allow advisors to request data from the Account Window Summary tab and to request positions for all accounts. These methods and events require minimum server version 67 and minimum TWS version 936.

The new methods are:

- **reqAccountSummary()** - Requests the data that appears on the TWS Account Window Summary tab and keeps it up to date.
- **cancelAccountSummary()** - Cancels the request for Account Window Summary tab data.
- **reqPositions()** - Requests position data for all accounts.
- **cancelPositions()** - Cancels real-time position updates.

Their associated events are:

- **accountSummary()** - Returns the data from the TWS Account Window Summary tab.
- **accountSummaryEnd()** - This is called once all Summary tab data for a given request are received and functions as an end marker for the accountSummary() data.
- **position()** - Returns real-time positions for all accounts.
- **positionEnd()** - This is called once all position data for a given request are received and functions as an end marker for the position() data.

For complete details on the parameters for these methods and events, see the [API Reference Guide](#).