

Real-Time Trading Platform Portfolio

Quantum Gann Station – Multi-Chart UI

Example of the multi-chart graphical interface with multiple instruments and indicators.



MetaServer – Real-Time Data Engine

MetaServer receiving real-time data from TradeStation feed, normalizing bar updates and managing cached historical data.

```
+ dago@debian:~/projects/projects/TradeDaemon/FeedDaemon
12/02/2025;09:17:33 - [INFO] SIGNED IN TO TRADESTATION SERVER.
12/02/2025;09:17:33 - SUBSCRIBE STREAM BARCHART URL: https://sim-api.tradestation.com/v3/marketdata/stream/barcharts/@ES?interval=1&unit=minute

12/02/2025;09:17:34 - Feed initial data loading completed.

12/02/2025;09:17:34 - Waiting for connect on port 7002

12/02/2025;09:17:34 - ONONEMINUTEBARUPDATE: @ES Period 1 ts=1764670080 O=6831.750000 H=6832.000000 L=6831.000000 C=6831.000000

12/02/2025;09:17:34 - Warning: Can't find one min instrument bars for @ES. This is normal at server startup

12/02/2025;09:17:34 - TS Recv bar @ES O=6831.750000 H=6832.000000 L=6831.000000 C=6831.000000 V=84.000000 D=0.000000 timestamp=2025-12-02T09:09:00Z

12/02/2025;09:17:38 - ONONEMINUTEBARUPDATE: @ES Period 1 ts=1764670080 O=6831.750000 H=6832.000000 L=6831.000000 C=6831.000000
```

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+-----+
dago@debian: ~/projects/projects/TradeDaemon/FeedDaemon
Selected file CVX_H1_3,Chevron Corporation
Detected file CVX_D_3,Chevron Corporation
Detected file CVX_W_3,Chevron Corporation
Detected file CVX_MN_3,Chevron Corporation
Detected file ASML_M5_2,ASML Holding
Detected file ASML_M15_2,ASML Holding
Detected file ASML_H1_2,ASML Holding
Detected file ASML_D_2,ASML Holding
Detected file ASML_W_2,ASML Holding
Detected file ASML_MN_2,ASML Holding
12/02/2025;09:17:20 - Loading cached bars for symbol ABBV Period 10080
12/02/2025;09:17:20 - Loading cached bars for symbol @ES Period 1440
12/02/2025;09:17:20 - Loading cached bars for symbol @ES Period 10080
12/02/2025;09:17:20 - Loading cached bars for symbol CVX Period 10080
12/02/2025;09:17:20 - Loading cached bars for symbol @ES Period 60
12/02/2025;09:17:24 - Loading cached bars for symbol ABBV Period 1440
12/02/2025;09:17:24 - Loading cached bars for symbol CVX Period 1440
12/02/2025;09:17:24 - Waiting for connect on port 8080
12/02/2025;09:17:32 - client connected

```

MetaClient – Connectivity and Multi-Instance Distribution

MetaClient connected to MetaServer and multiple QGS instances, forwarding events and maintaining real-time synchronization.

