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{
FILE:       GLOBAL SENDER

COMMENTS:   Demonstrates how to CREATE, SAVE and SEND Global Data for processing in other windows

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You must format this indicator:
- right click THIS window,
- then select [Properties...],
- then select [Scaling] tab,
- set Axis [Scale On:] to "Same Axis as Underlying Data"
- then click [Ok]

Data required for this indicator:
- $TICK is Data1 on chart, the first symbol charted
- [Insert Symbol...] $TRIN as Data2, set to (HIDDEN) prevents plotting on chart
  Note: HIDDEN can be selected within symbol CHART WINDOW on the [Scaling] tab

USAGE: Add to chart as an indicator. (Chart that includes Data1 and Data2)

Created from information available at the following link:
https://www.tradestation.com/wiki/display/EasyLanguage/GlobalDictionary+Class
}

{ code will use classes from these namespaces }
using elsystem.collections;                         // Needed for creating Global Dictionary

variables:
    // *** Global Variables ***
    Intrabarpersist double myTickVal(0),            // Declared TICK and DATA TYPE
    Intrabarpersist double myTrinVal(0),            // Declared TRIN and DATA TYPE
    string GDictName("myGDictName"),                // Declared Name must match RECEIVER
    GlobalDictionary myGDict(NULL);                 // Declared Global Dictionary

    // ---------------------------------------
    // *** Place global variables to be saved here ***
    // ---------------------------------------
    Method void UpdateGDict()                       // Refresh all data...
    Begin
        myGDict.Items["TickVal"] = myTickVal;       // Save $TICK data as "TickVal" to global dictionary
        myGDict.Items["TrinVal"] = myTrinVal;       // Save $TRIN data as "TrinVal" to global dictionary
    End;
    // ---------------------------------------
```

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// ***************************************************************************
// Start processing/calculating/analyzing/plotting or whatever makes you happy here...
// ***************************************************************************
Method void PlotOutput()                // Process all data...
Begin
    myTickVal = last;                   // Stage $TICK data for GDict - this is Data1 or first symbol charted
    myTrinVal = last of data2;          // Stage $TRIN data for GDict - this is Data2 or second symbol inserted
End;
// ***************************************************************************

// ---------------------------------------
// *** Initialize Global Dictionary ***         // This code should always be placed below all Methods
// ---------------------------------------
Once Begin
    myGDict = GlobalDictionary.Create(TRUE, GDictName); // Create Named Instance (Name must match RECEIVER)
End;
// ---------------------------------------
// *** MUST ALWAYS BE THE LAST LINES OF CODE ***
// ---------------------------------------
PlotOutput();                               // Call data processing method FIRST...
UpdateGDict();                              // Call Method to save global variablies to global dictionary
// ---------------------------------------
```