





MASTER CLASS

LEVERAGING EASYLANGUAGE

Create Studies and Strategies Using Multi-Data Streams in EasyLanguage



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Elements of Multi-Data Analysis

Multi-data analysis allows you to add and reference additional symbols or intervals in a chart.

- ✓ Data elements are referenced using the reserved word 'Datan'
- ✓ Up to 50 Data Elements (Symbols and Intervals) in a Single Chart
- ✓ Must use Time-Based intervals only

Examples:

```
Value1 = Average(Close, 10); // (Data One is Always Assumed)
```

```
Value2 = Average(Close, 10) Data2;
```

```
Value3 = Average(Close,10) Data3;
```



Multi-Data Spread Indicator Example

Inputs: `DataSet1(Close Data1)`, `DataSet2(Close Data2)` ;

variables: `SprdDiff(0)` ;

`SprdDiffA = DataSet1 - DataSet2` ;

`SprdDiffB = DataSet1 / DataSet2` ;

`Plot1(SprdDiff, "SprdDiff")` ;



Multi-Interval Indicator Example

```
input: MoLen(13);
```

```
vars: MoD1(0), MoD2(0);
```

```
MoD1 = Momentum(Close, MoLen);
```

```
MoD2 = Momentum(Close, MoLen) data2;
```

```
Plot1(MoD1, "MoD1");
```

```
Plot2(MoD2, "MoD2");
```

```
Plot3(0, "Zero");
```



Multi-Symbol Multi-Timeframe Strategy

Inputs: AvgData1Len(13), AvgData2Len(21);

Vars: AvgData1MA(0), AvgData2MA(0);

AvgData1MA = Average(Close, AvgData1Len);

AvgData2MA = Average(Close, AvgData2Len) DATA2;

if Close > AvgData1MA AND Close Data2 > AvgData2MA then

 Buy next bar at High Stop;

if Close < AvgData1MA then

 Sell next bar at Low Stop;



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