
Subject: Re: FG Bug -- Legend/Cleanup

Posted by [Matthew Argall](#) on Wed, 04 Mar 2015 21:30:19 GMT

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Another bug:

In legend, I can specify an array of target objects, each with different text colors (actually, the text color keyword changes the sample line color, not the text color)

```
win = window()
p1 = plot(/TEST, /CURRENT, LAYOUT=[1,2,1], NAME='Plot 1', COLOR='Black')
p2 = plot(/TEST, /CURRENT, LAYOUT=[1,2,2], NAME='Plot 2', COLOR='Blue')
leg1 = legend(TARGET=[p1, p2], LABEL='Plot X', TEXT_COLOR=['Black', 'Blue'])
```

But if I try to specify two labels, I get an error

```
win = window()
p1 = plot(/TEST, /CURRENT, LAYOUT=[1,2,1], NAME='Plot 1', COLOR='Black')
p2 = plot(/TEST, /CURRENT, LAYOUT=[1,2,2], NAME='Plot 2', COLOR='Blue')
leg1 = legend(TARGET=[p1, p2], LABEL=['Plot X', 'Plot Y'], TEXT_COLOR=['Black', 'Blue'])
% Expression must be a scalar in this context: <BYTE    Array[2]>.
```

I either have to change the label after the legend is created or add the label separately

```
leg1[1].LABEL = 'Plot Y'
```

```
leg1 -> Add, p2, LABEL='Plot Y', TEXT_COLOR='Blue'
```
