
Subject: Re: cgGallery with function graphics

Posted by [Paul Van Delst\[1\]](#) on Thu, 27 Feb 2014 15:32:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

You forgot the call to LEGEND().

On 02/27/14 09:48, Matthew Argall wrote:

```
> Line Plot With Legend
> http://www.idlcoyote.com/gallery/plot_with_legend.png
>
> ; Set up variables for the plot. Normally, these values would be
> ; passed into the program as positional and keyword parameters.
> ; Create two random vectors.
> data_1 = cgDemoData(17)
> data_2 = cgDemoData(17)
>
> ; Calculate the data range, so you can create a plot with room at the top
> ; of the plot for the legend.
> maxData = Max(data_1) > Max(data_2)
> minData = Min(data_1) > Min(data_2)
> dataRange = maxData - minData
> yrange = [MinData, maxData + (dataRange*0.25)]
>
> ; Legend Properties
> items = ['Experiment 1', 'Experiment 2']
> psyms = [-15, -16]
> colors = ['red7', 'blu7']
>
> ;Plot the data
> ngPlot = Plot(data_1, Symbol='Circle', /Sym_Filled, Color='Red', YRange=yrange, YStyle=1, $
>           XTitle='Time', YTitle='Signal', Name='Experiment 1')
> ngOPlot = Plot(data_2, Symbol='Square', /Sym_Filled, Color='Blue', Overplot=ngPlot, $
>           Name='Experiment 2')
>
```
