
Subject: Legend for plot

Posted by [b.a](#) on Fri, 11 Sep 2009 06:52:49 GMT

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Hi,

Does anyone know how to place a legend (annotation) inside a draw widget? The legend that I use is somehow like this:

```
mywindow = OBJ_NEW ( ' IDLgrWindow ' )  
myview = OBJ_NEW ( ' IDLgrView ' )
```

```
itemNameArr = ['One', 'two']
```

```
myLegend = OBJ_NEW ( ' IDLgrLegend ' , itemNameArr, /  
SHOW_OUTLINE)
```

```
myview->Add, myLegend  
mywindow->Draw, myview
```

and I have a Widget_draw that contains my plots (curves):

```
dr_window = WIDGET_DRAW ( tlb , UVALUE= 'draw' )
```

I know that by " mywindow->Draw, myview " the legend appears in separate window (like an image) but I couldn't find any way to place it inside my plot window (the widget_draw).

Thank you

Subject: Re: Legend for plot

Posted by [penteado](#) on Thu, 17 Sep 2009 03:01:55 GMT

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On Sep 16, 11:57 pm, pp <pp.pente...@gmail.com> wrote:

```
> Ok, now your initial question is more clear: how to put a legend into  
> your plot in the draw widget. You can go about it with object graphics  
> or direct graphics. I do not remember if there is a built in way to do  
> it in direct graphics (have not used them in years), but I know there  
> is a routine for that in IDLAstro (http://idlastro.gsfc.nasa.gov/),  
> though doing that way still required you to keep track of which lines/  
> symbols/colors were used on each plot, to use the same in the legend.  
>
```

The IDLAstro routine is called legend, by the way.

Subject: Re: Legend for plot
Posted by [b.a](#) on Thu, 17 Sep 2009 22:51:31 GMT
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Thanks a lot for your information. I will try to get it to work using
iplot(similar to your code).
