
Subject: Re: Legend for plot
Posted by [penteado](#) on Fri, 11 Sep 2009 15:42:15 GMT
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On Sep 11, 3:52 am, "b.a" <u4565...@anu.edu.au> wrote:

```
> 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).
```

You need to add `graphics_level=2` to the call to `widget_draw`, to make it a window for object graphics. Then the draw widget's value will be the window object where you should draw your view:

```
myview = OBJ_NEW ( ' IDLgrView ' )  
itemNameArr = ['One', 'two']  
myLegend = OBJ_NEW ( ' IDLgrLegend ' , itemNameArr, /SHOW_OUTLINE)  
myview->Add, myLegend  
dr_window = WIDGET_DRAW ( tlb , UVALUE= 'draw' , graphics_level=2)  
widget_control,dr_window,get_value=mywindow  
mywindow->Draw, myview
```
