
Subject: Re: Legend for plot

Posted by [pentead0](#) 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
```
