
Subject: Re: adding legend with cgzplot

Posted by [David Fanning](#) on Fri, 08 Feb 2013 12:57:10 GMT

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idlhelp writes:

> I want to add the legend in the plot. And for making plots I am using cgZplot. But I don't know how to add legend with that. This is how I am doing but it doesn't work.

>

> oplotObj = Obj_New('CGOVERPLOT',a,b,color='red')

> cgZplot,c,d,color='black',OPLOTS=oplotObj

> legend,['Temp','Days'],linestyle=[0,0],color=['black','red']

>

>

> Does anyone know how to do that

As explained in the on-line documentation for the LEGEND keyword:

```
oplotObj = Obj_New('CGOVERPLOT',findgen(101), $
    cgDemodata(17),color='red')
legendItem1 = Obj_New('cgLegendItem', Color='black', $
    Location=[0.775, 0.875], Title='Temp', Length=0.05)
legendItem2 = Obj_New('cgLegendItem', Color='red', $
    Location=[0.775, 0.835], Title='Days', Length=0.05)
cgZplot,findgen(101), cgDemodata(17),color='black',$
    OPLOTS=oplotObj, LEGEND=[legendItem1, legendItem2], $
    YRange=[0,125]
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
