
Subject: Re: overlaying two plots
Posted by [cgguido](#) on Thu, 04 Feb 2010 02:26:32 GMT
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On Feb 3, 7:11 pm, "Mr.G" <gameplay...@gmail.com> wrote:

> Dear All,
>
> Say I have two set of data:
>
> (1)
> x=findgen(101)*0.5
> y=sin(x)
>
> (2)
> p=findgen(501)*2
> q=exp(-p/500)
>
> Now, I want to overlay
> "plot,x,y"
> and
> "plot,p,q"
> on the same plot.
>
> I can not use oplot, since if I:
> "plot,p,q
> oplot,x,y"
> I will get very funny plots.
>
> What I want is the figure has two axis:
> axis, xaxis=1,range=[0,50]
> then, oplot, x,y "as if the range determined by p q changed to [0,50]"
>
> Is that possible in IDL?
>
> G

Is this what you mean?

```
plot, p,q, xs=8, yr=[-1,1], color=fsc_color('green')
oplot, x/50*1000, y, color=fsc_color('blue')
axis, /noerase, /xaxis, xrange=[0,50], color=fsc_color('blue')
```

-Gianguido
