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Subject: Re: log scale colorbar in IDL 8.0  
Posted by [pgrigis](#) on Thu, 19 May 2011 15:29:49 GMT  
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On May 18, 10:54 pm, David Fanning <n...@idlcoyote.com> wrote:

> Paolo writes:  
>> but I was worried that in the CG era people may shun  
>> older-fashioned programs that do not have those fancy  
>> features like automatic resizing etc.  
>  
>> The trick is to choose a good interpolation scheme  
>> for the pixel values - the one I have in my  
>> [http://hea-www.cfa.harvard.edu/~pgrigis/idl\\_stuff/pg\\_plotimage.pro](http://hea-www.cfa.harvard.edu/~pgrigis/idl_stuff/pg_plotimage.pro)  
>> may not be suitable for all uses though.  
>  
> I made a Coyote Graphics command out of your pg\_plotimage  
> program. You can find it here:  
>  
> [http://www.idlcoyote.com/misc/pg\\_plotimage.pro](http://www.idlcoyote.com/misc/pg_plotimage.pro)  
>  
> It took about a half hour. You can run your example  
> program and display the output in a resizable  
> cgWindow like this:  
>  
> loadct,5  
> im=dist(128,128)  
> x=findgen(128)  
> y=findgen(128)  
> pg\_plotimage,im,x,y,xrange=[5,100],\$  
> yrange=[5,100],/xstyle,/ystyle,/xlog,/window  
>

Ah, very cool! The power of the coyote graphics is strong with you! :)  
By the way do feel free to use my code for any purpose whatsoever -  
it's  
in the public domain.

The problem I personally have with cg (and this is entirely the fault  
of the way IDL manages namespace) is that it can't be run within  
solarsoft,  
since solarsoft did seem fit to steal some coyote routines (without  
renaming  
them) so now I have several mutually incompatible version of some  
coyote  
routines...

Ciao,  
Paolo

> Cheers,  
>  
> David  
>  
> --  
> David Fanning, Ph.D.  
> Fanning Software Consulting, Inc.  
> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>  
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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