Subject: Re: log scale colorbar in IDL 8.0 Posted by pgrigis on Thu, 19 May 2011 15:59:17 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_plotima ge.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 >

It took about a half hour. You can run your example

- program and display the output in a resizeable
- 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

By the way, the cq version doesn't seem to be properly honoring the axis ranges. For instance, a y range of [-100,100] should show an image only in the upper half of the axis, as the image y-range is only [0,127]...

(well one could wonder why would you plot that way... but the idea behind pg plotimage was to plot an image the same way you would use "plot"...)

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.")