
Subject: Re: Issues with cgColorbar labels

Posted by [David Fanning](#) on Thu, 22 Sep 2011 16:17:39 GMT

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On Sep 22, 8:02 am, John Ilee 2 <johnism...@googlemail.com> wrote:

> I have been trying to find a simple way of producing a filled contour
> plot with a colour bar in IDL for some time. However, I always seem
> to run into issues when it comes to the labels on the colour bar.
>
> I have tried the following example from David Fanning's excellent
> website...
>
> data = cgDemoData(2)
> LoadCT, 0
> LoadCT, 33, NColors=10, Bottom=1
> c_colors = Indgen(10)+1
> position = [0.1, 0.1, 0.9, 0.75]
> cgContour, data, NLevels=10, /Fill, Position=position,
> C_Colors=c_colors
> cgColorbar, Divisions=10, Range=[Min(data), Max(data)], XMinor=1, \$
> XTickLen=1.0, Position=[0.1, 0.90, 0.9, 0.94], NColors=10,
> BOTTOM=1
>
> ...which works perfectly.
>
> However, when I try to use the above commands with my own dataset (eg
> 'data = myarray', which is a 1024x512 array, min value 0.51, max value
> 1.27), the colour bar labels just display "1" at every tickmark.
>
> If anyone can point me in the direction of a solution, it would be
> most appreciated. I know it must be something simple, but I just
> can't seem to figure it out.
>
> (I am running IDL 7.1)
>
> Many thanks.

Try the FORMAT keyword on the cgColorbar. Something like
FORMAT='(F0.2)'
should work.

Cheers,

David
