Subject: Re: color and tvellipse
Posted by Gray on Tue, 15 Mar 2011 21:16:12 GMT
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On Mar 15, 5:10 pm, David Fanning <n...@idlcoyote.com> wrote:
> Gray writes:
>> I want to draw a number of ellipses with TVEllipse, and have the color
>> of each ellipse correspond to one of the colors in a discrete
>> colorbar. I'm using CG, so I created the plot with cgPlot, /nodata...
>> then I loaded the color table with cgLoadCT, and created the colorbar
>> with cgDCBar. However, when I try to use the color indices with
>> TVEllipse, they all are plotted in black. Any suggestions?
>
>> Here's my code:
>
>> cgplot, indgen(3), /nodata, xra=[x0,x1], yra=[y0,y1],$
>>   xst=1, yst=1, charsize=1.25, xtitle='Right Ascension (hours)', $
>>   ytitle='Declination (hours)', title='Survey Extent', $
>>   position=[0.1,0.1,0.85,0.9]
>>   for i=0,nd-1 do $
>>   cgplots, ra[*,i], dec[*,i]
>>   for i=0,nr-1 do $
>>   cgplots, ra[i,*], dec[i,*]
>>   cgloadct, 25, /brewer, ncolors=12, bottom=1
>>   cgdcbar, ncolors=12, bottom=1, color='navy', $
>>   labels=themonths(/abbrev),/vertical
>>   for i=0,nday-1,10 do tvellipse,3,45,ra0[i],dec0[i],0,months[i],/data
>
> I guess "months[i]" must be the "color". I don't
> know what is in there, but if it is a number, I
> would make it a color like this:
>
>   color = cgColor(StrTrim(months[i],2))
>
> 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.")

So cgColor can accept indices to the color table? Coooooool. And
yes, "months[i]" is a number from 1 to 12 (as you might expect), which
should index the color table that I loaded with 12 colors :) I'll try
that.