Subject: Re: Plot with axis and labels with different colors
Posted by David Fanning on Thu, 25 Jul 2013 19:20:19 GMT

Mairan Teodoro writes:

> Thanks for the suggestion. However, that's exactly the way I use to create this kind of plot (one CGIMAGE call and two CGPLOT calls).
>
> I was thinking about something like a keyword to define the color of the axis labels... something like
>
> cgPlot, dataX, dataY, axiscolor='white', axislabel='black',...

Unfortunately, the axis color and the axis label are not separated in the underlying Plot and Axis commands in IDL. That's why you have to do this run-around.

In object graphics, these two colors are separate, so you can do what you like. It's rather round-about in Function Graphics, too, but it is possible. You do it like this:

```
 .*********************************************************
 ;
im = image(cgdemodata(7))
p = im.POSITION
p = plot(indgen(360), position=p, /current, /nodata)
axes = p.axes
for j=0,3 do axes[j].color = 'white'
for j=0,3 do axes[j].text_color = 'black'
 .*********************************************************
 ;
```

Cheers,

David

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