Subject: Re: Plotting a horizontal line over a cgImage
Posted by Christina Haig on Mon, 29 Aug 2016 19:29:51 GMT
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On Monday, August 29, 2016 at 2:20:04 PM UTC-4, wlandsman wrote:
> On Monday, August 29, 2016 at 12:03:11 PM UTC-4, Christina Haig wrote:
>
>> As you can see, the yrange goes roughly from 1 to 100ish.
>
> Actually we can't see ;-)   We (the readers of this newsgroup) don't know the content of your variables, and we can't see the output plot.
>
> But your code looks like it should work.   Does the CGPLOT command come immediately after the CGIMAGE command or is there something in between that could reset the positioning?
>
> Also I would set COLOR='green' (or something similar) in your CGPLOT command, in case there is something funky with the color table.
>
> Also check the coordinate transformation between data and device coordinates
>
> IDL> print,convert_coord(mint,maxt],[2.0,2.0],/data,/to_device)
>
> to make sure the line is in the physical area of the window.   --Wayne

Hi Wayne, thanks for your reply. I decided to try your suggestion of 'green', and also 'black', just in case. Also, my color table goes from black to white (255 to 0), and I tried both of those.

I also tried the convert_coord command, but /to_device gives some weirdly large numbers that I don't quite understand. I then tried convert_coord with /to_normal and got:

    0.088541664   0.95833331   0.0000000
    0.35069446   0.95833331   0.0000000

This looks like it should be somewhere in the plot area, in the general region of the upper-lefthand-corner where the underlying plot is. There is nothing between the cgplot and cgimage command. Is there something about either cgplot or cgimage that doesn't like one writing over the other perhaps? Is there a way to override this?