
Subject: Re: window size

Posted by rpertaub@gmail.com on Fri, 01 Feb 2008 17:10:36 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Feb 1, 10:54 am, David Fanning <n...@dfanning.com> wrote:

> rpert...@gmail.com writes:

>> I am displaying an image made up of three channels:

>

>> final_image=lonarr(3,1050,1308)

>> final_Image[0,*,*] = bytscl(final_red)

>> final_Image[1,*,*] = bytscl(final_grn)

>> final_Image[2,*,*] = bytscl(final_blu)

>

>> window,6,title='Reconstructed RGB

>> image',xsize=final_image_size[1],ysize=final_image_size[2]

>

>> tv,final_image,true=1

>

>> cursor,x,y,/device

>

>> My problem is this: My image is quite big, and I do not see all of it

>> (the bottom goes below my screen). As you see, I want to have the

>> ability to use a cursor to pick a point on my image. However, since my

>> image is too big, I have a problem. I tried using rot and demagnify by

>> a factor of 0.5. However, that messes up my coordinates x,y cursor.

>

>> What is a better way to demagnify the image?

>

> How about something like this:

>

> s = Size(image, /Dimensions)

> pos = [0.1, 0.1, 0.9, 0.9]

> TVImage, image, Postition=pos, /Keep_Aspect

> Plot, [0,1], XRange=[0:s[1]], YRange=[0:s[2]], \$

> NoData=1, NoErase=1, XStyle=5, YStyle=5, Position=pos

> Cursor, x, y, /Data, /Down & Print, Fix(x), Fix(y)

>

> You can find TVImage here:

>

> <http://www.dfanning.com/programs/tvimage.pro>

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

I tried this. However, i cannot compile the Plot line. Commenting it out, I do get a smaller image size. however, my cursor x,y return fraction pixel locations??
