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Subject: Re: IDLgrImage image plot problem

Posted by [Karl Schultz](#) on Wed, 27 Sep 2006 00:55:18 GMT

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On Tue, 26 Sep 2006 12:06:32 -0700, yy wrote:

```
> Hi there,
> I want to plot a 2D data set by using object graphics.
> And I want it to be colored. If I use direct graphics plot,
> it can be done as the following:
> WINDOW, 0, XSIZE=300, YSIZE=300
> LOADCT,13
> IMAGE_AX, 2ddata
>
> However, when I try to use IDLgrImage, nothing appears
> on screen. I don't know if it's because I didn't position the
> image correctly. But if it is, I still don't know how to find the
> image. Below is what I did:
> oWindow = OBJ_NEW('IDLgrWindow', DIMENSIONS=[300,300])
> oView = OBJ_NEW('IDLgrView')
> oModel = OBJ_NEW('IDLgrModel')
>
> ; Load color table 13
> oPalette = OBJ_NEW('IDLgrPalette')
> oPalette -> LoadCT, 13
> olmage = OBJ_NEW('IDLgrImage', 2ddata, PALETTE = oPalette)
>
> oModel -> Add, olmage
> oView -> Add, oModel
> oWindow -> Draw, oView
>
> Thanks a lot!
> -Jingyi
```

You are drawing an image into an IDLgrView with default dimensions of [-1:1, -1:1]. So, you are probably only seeing the lower-left pixel of your image, blown up to 1/4 of the entire window.

Try

```
oView->SetProperty, VIEWPLANE_RECT = [0,0,300,300]
```

Karl

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