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Subject: Re: How to draw IDLgrPlots over IDLgrImages?

Posted by [natha](#) on Thu, 27 Aug 2009 16:55:33 GMT

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I'm trying to plot some IDLgrPlots above an IDLgrImage. I draw the plots firstly and then the image. The image can change.

If I don't do anything, the image is drawn over the plots and I don't want that.

I'm trying to use the ZVALUE property of the IDLgrPlot but I didn't succeed. My idea is plot the IDLgrPlots using a different Z value, more closer to the EYE of the viewer. If I can do that, my problem will disappear.

The View uses an ortogonal projection by default, the Znear and Zfar are set to [-1,1] and the eye is in the position 4.

So, in theory, using the following declaration, all should work

```
plot=OBJ_NEW('IDLgrPlot', COLOR=..., DATAX=INDGEN(10),DATAY=INTARR(10),ZVALUE=0.5, /USE_ZVALUE)
```

But, the plot is always under the image. Can you help now ?

Thanks,

nata

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