
Subject: Draw IDLgrImage and IDLgrPlot in the correct order

Posted by [natha](#) on Thu, 24 Jul 2008 21:41:15 GMT

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Hi group,

I drew an IDLgrImage and an IDLgrPlot in this order. Always, when I draw the Window, the Image is drawn on the plot. I dont know what to do to draw the plot on the image and not viceversa.

Can anybody help me?

Thanks,

Bernat

Subject: Re: Draw IDLgrImage and IDLgrPlot in the correct order

Posted by [humanumbrella](#) on Fri, 25 Jul 2008 18:29:29 GMT

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On Jul 25, 1:53 pm, humanumbre...@gmail.com wrote:

> On Jul 25, 12:39 pm, bernat <bernat.puigdomen...@gmail.com> wrote:

>

>> Yes, sure !

>

> Unfortunately I would like to help, but I think I need a piece of code
> or something to work with.

>

> Do you have this ?

>

> It works for me by default, as long as I add them one after the other:

>

> oView = OBJ_NEW('IDLgrView', \$
> VIEWPLANE_RECT=[0,0,80, 100])

> oModel = OBJ_NEW('IDLgrModel')

> oView->Add, oModel

>

> head = READ_BINARY(FILEPATH('head.dat', \$
> SUBDIRECTORY=['examples','data']), \$
> DATA_DIMS=[80,100, 57])

>

> oModel->Add, OBJ_NEW('IDLgrImage', head[*,*], /INTERP)

> y = FIndGen(200)

> y = Sin(y/2) / Exp(y/1000)

> x = IndGen(N_Elements(y))

>

> plot = OBJ_NEW('IDLgrPlot',x,y,color=[255,255,255])

```
> oModel->Add,plot
> oWin = OBJ_NEW('IDLitWindow', DIMENSIONS=[300,300], $
> TITLE="Test")
> oWin->Add, oView
```

This might help too:

```
pro test3
  szx = 1000L
  szy = 650L
  img = bytscl(dist(szx,szy))
  N = 100L
  x = randomu(seed,N) * szx
  y = randomu(seed,N) * szy

  w = obj_new('IDLgrWindow', dim = [szx,szy], retain = 0, render = 0)
  v = obj_new('IDLgrView', view = [0,0,szx,szy])
  m = obj_new('IDLgrModel')
  im = obj_new('IDLgrImage', img)
  pl = obj_new('IDLgrPolyline', x, y, color = [255,0,0] )
  pg = obj_new('IDLgrPolygon',[0,szx,szx,0],[0,0,szy,szy],
[-0.1,-0.1,-0.1,-0.1], $
    color=[255,255,255], $
    TEXTURE_MAP=im, TEXTURE_COORD=[[0,0],[1,0],[1,1],[0,1]])
  v -> add, m
  m -> add, pg
  m -> add, pl
  t0 = systime(1)
  widget_control, hourglass=1
  for dx = 0, 700 do begin
    pl -> SetProperty, xcoord = [dx,1]
    w -> draw, v
  endfor
  widget_control, hourglass=0
  print, 'Time = ', systime(1) - t0

end
```

Cheers,
--Justin

Subject: Re: Draw IDLgrImage and IDLgrPlot in the correct order
Posted by [natha](#) on Fri, 25 Jul 2008 18:33:15 GMT
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Oh thank you so much !

With your example I found the problem. I added the image in the Model after the plot. That was the problem.
Now I do that in the correct order and all is good..

Thank you !

Bernat

Subject: Re: Draw IDLgrImage and IDLgrPlot in the correct order

Posted by [natha](#) on Fri, 25 Jul 2008 18:41:42 GMT

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:P
