
Subject: Re: simple question about axis

Posted by [David Fanning](#) on Tue, 25 May 2004 22:35:13 GMT

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elias writes:

> I have a simple question...though I have not been able to solve and it
> is getting on my nerves...

>

> 1. I drew my 3-D space as follows: It is a cube! Apparently I
> succeeded.

> PLOTS, [0,50], [0,0], [0,0], /T3D

> PLOTS, [0,0], [0,50], [0,0], /T3D

> PLOTS, [0,0], [0,0], [0,196], /T3D

> PLOTS, [0,50], [0,0], [196,196], /T3D

> PLOTS, [0,50], [50,50], [196,196], /T3D

> PLOTS, [0,0], [50,50], [196,0], /T3D

> PLOTS, [50,50], [50,0], [0,0], /T3D

> PLOTS, [50,0], [50,50], [0,0], /T3D

> PLOTS, [50,50], [50,50], [0,196], /T3D

> PLOTS, [50,50], [0,0], [196,0], /T3D

> PLOTS, [50,50], [50,0], [196,196], /T3D

> PLOTS, [50,50], [50,0], [196,196], /T3D

> PLOTS, [0,0], [0,50], [196,196], /T3D

>

> 2. I want to insert my 3-D axis with the z-direction down....I am

> using:

> xaxis = OBJ_NEW('IDLgrAxis', 0, RANGE=[0, 49.0], TICKDIR=1)

> yaxis = OBJ_NEW('IDLgrAxis', 1, RANGE=[0, 49.0], TICKDIR=1)

> zaxis = OBJ_NEW('IDLgrAxis', 2, RANGE=[0, 195.0], TICKDIR=1)

> But I don't see it at all!!! why? is it because I am calling SCALE 3

> afterwards??

>

> Scale3, xr=[0,49],yr=[0,49],zr=[0,195],AX=20, AZ=35

>

> 3. I want to freely rotate everything that I have in the ouput image

> window at the sametime with the mouse, in stead of specifying that in

> SCALE3. Is that possible?

Oh, oh. :-(

You are trying to combine direct graphics and object
graphics which--despite your best efforts--is just
not ever going to work. It just plain can't be done.

Try using the AXIS command instead of creating
an axis object and see if that doesn't get you
further ahead.

Cheers,

David

--

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