
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

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>

> 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

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Subject: Re: simple question about axis

Posted by [aardvark62](#) on Wed, 26 May 2004 03:58:12 GMT

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Hello, Elias.

Use IDLgrPolyline, IDLgrAxis, and XOBJVIEW. You will be able to spin the result with your mouse.

-Paul Sorenson

www.paulsorenson.com

heoa@hotmail.com (elias) wrote in message

news:<e920fce6.0405251404.6913d4d9@posting.google.com>...

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> Elias
