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Subject: simple question about axis

Posted by [heoa](#) on Tue, 25 May 2004 22:04:58 GMT

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hello!

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
```

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

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

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

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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 output image window at the sametime with the mouse, in stead of specifying that in SCALE3. Is that possible?

Thank you!!

Elias

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