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Subject: Re: Questions about IDL 8.0

Posted by [Mark Piper](#) on Wed, 24 Nov 2010 15:34:06 GMT

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On Nov 23, 4:12 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Nov 23, 8:44 pm, Leslie Sherrill <leslie.wel...@gmail.com> wrote:

>

>> (2) I'm trying to set up the z axis ticks and title to be at the back

>> of the surface plot. The z axis defaults to a location right in front

>> of the surface, and is often obscured by the data. I noticed that

>> even the documentation examples always show that z axis in front

>> rather than at the back of the y axis. Anyone know of a quick-fix?

>

> IDL> s=surface(dist(100),ztitle='Z')

> IDL> axes=s.axes

> IDL> foreach el,axes do if (el.title eq 'Z') then break ;find out

> which axis is Z

> IDL> el.hide=1 ;hide that axis

> IDL> za=axis('Z',location=[(s.xrangle)[0],(s.yrangle)[1],0d0]) ;make a

> new Z axis, at the back

Here's a way to move the existing Z axis:

IDL> s = surface(/test)

IDL> (s['zaxis']).location = [0, (s.yrangle)[1], 0]

mp

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