
Subject: Re: Questions about IDL 8.0

Posted by [Gray](#) on Tue, 23 Nov 2010 23:05:29 GMT

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On Nov 23, 5:44 pm, Leslie Sherrill <leslie.wel...@gmail.com> wrote:

> I have two issues with plotting in the new IDL 8.0. They seem like
> fairly straightforward problems, but I can't seem to find a way around
> them. I'd be grateful of any advice you can give me.
>
> (1) I have a widget program which is using the new IDL 8.0 graphics,
> and I finally figured out how I can access the plot commands in other
> widget programs. I am able to change things like axis titles, ranges,
> etc. However, when I change the color table and attempt to do a
> `graphic.rgb_table=new_rgb_table` that is associated with my new color
> table, nothing happens. In fact, it looks like the `rgb_table` and
> `vert_colors` commands are `init` variables that cannot be re-defined
> later in the program. However, the new documentation indicates that
> the values are changeable. Has anyone else encountered this?
>
> (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?
>
> Thanks in advance,
> Leslie Sherrill

Hm. For the first one, I have no idea.

For the second, you can add another Z axis with the `AXIS` function, but I see no way to suppress a single axis in the original `SURFACE` call. Are the axes in a `SURFACE` object themselves `AXIS` objects? If so, then being able to access their properties with `surface.axis.property` would be extremely useful.
