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Subject: Re: Why do two graphics objects in the same program appear in two different windows?

Posted by [Ben Tupper](#) on Tue, 13 Jun 2000 07:00:00 GMT

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kyle04@my-deja.com wrote:

- > I have a widget-based application which is a 3-D model of a Roche-lobe
- > filling star, and I am trying to plot an array of points in the same
- > window using the plot and oplot commands, but they appear in a separate
- > window.

Your description sounds like you might be trying to mix direct and object graphics.

The PLOT and OPLOT commands are for direct graphics... which you can't use with object graphics in the same window. When the draw widget was created for the application, the GRAPHICS\_LEVEL keyword was probably set to 2.

- > I tried defining the array as an IDLgrImage, because the star
- > is defined as a IDLgrModel, but it still plots in a separate window.

If you define a new graphic atom for your scatter data, try IDLgrPOLYLINE (or IDLgrPlot using ZVALUE), and then add it to the model, you should be able to get what you are looking for.

Ben

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Ben Tupper

Bigelow Laboratory for Ocean Science  
[tupper@seadas.bigelow.org](mailto:tupper@seadas.bigelow.org)

[pemaquidriver@tidewater.net](mailto:pemaquidriver@tidewater.net)

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