## Subject: POLYSHADE-like object graphics? Posted by Sebastian Loebbert on Thu, 12 Dec 2002 12:37:29 GMT View Forum Message <> Reply to Message

Hi all,

I have a set of vertices and polygons created by SHADE\_VOLUME. If I simply display them using POLYSHADE, I get a nicely shaded surface.

I tried to display the same polygons and vertices using object graphics (created a polygon, added directional light) but the surface looks rather flat.

I played around with the lights, but the image didn't improve much. Is there any way to know what lights POLYSHADE uses? Is there something like a "default setting" for IDLgrPolygon that mimicks POLYSHADE?

Thanks for all tips,

Sebastian

Subject: Re: polyshade
Posted by David Fanning on Thu, 17 Jul 2003 13:06:22 GMT
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Marc Schellens writes:

- > is there a way to get out a mesh from the polyshade function?
- > Or another function/procedure which does this?

I don't know what you are starting with here, but I've written an article about computing a shaded polygon from a series of ROIs (MRI image slices, in this case). The mesh was constructed with the ComputeMesh method of an IDLgrROIGroup object. Might give you some ideas anyway:

http://www.dfanning.com/graphics\_tips/mesh.html

Cheers,

David

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

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Subject: Re: polyshade

Posted by marc schellens[1] on Thu, 17 Jul 2003 14:36:21 GMT

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I think I didn't express clear what I meant:

How I can get an image, showing a mesh instead of a shaded surface from the polyshade or any other subroutine?

Of course you can use an IDLgrPolygon, but how to do it in direct graphics? thanks,

marc

Subject: Re: polyshade

Posted by David Fanning on Thu, 17 Jul 2003 15:17:32 GMT

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Marc Schellens writes:

> Of course you can use an IDLgrPolygon, but how to do it in direct graphics?

Direct graphics are so...I don't know...1970's.

\*Everything\* should be done in object graphics.

Cheers.

David

P.S. Opinions expressed in this article are not the author's true opinions. They are sardonic (I \*knew\* this word would come in handy some day!) and reflect the author's worried view of where IDL is headed these days. :-(

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