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Subject: Better plots with object graphics ?

Posted by [Klemens Barfus](#) on Tue, 09 Nov 2004 11:13:54 GMT

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Dear list members,

When I started with IDL, I did that because I was not satisfied with three dimensional plots of other programmes.

The motivation was to generate plots of simulated cloud fields like you can see on the following page:

<http://de.geocities.com/klemensbarfus/>

This graphic has been produced by direct graphics of IDL.

When I talked to an employee of Creaso - the german distributor of IDL on a conference, he told me to use object graphics to get better results. After this I bought the recommended book Power Graphics with IDL, hoping, that I would get sometime as nice visualisations as the IDL examples.

The question is now: before I start with object graphics, will I get better cloud visualisations with for example changing illumination etc ? Or are object graphics in this case just useful for animations, when I want to turn the cloud field etc ?

What would be the basic object for these visualisations ? Cube objects ?

Or are there other predefined objects, which are more useful for such kind of volume visualisations ?

I would like to get a kind of starting point for working with object graphics though I know, that it would perhaps be better not to start with 3D stuff :-)

Thanks for your help and comments in advance !

Klemens

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