
Subject: Object Graphics --> EPS Output how?

Posted by [Jason P. Meyers](#) on Tue, 25 Sep 2001 13:46:37 GMT

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Hello,

This list has helped me greatly in the past and I hope that you all will rise to the challenge yet once again. I have been working long and hard on my thesis research and recently had to find a way to plot what I would call a "3-D Polar Plot". Specifically, I am trying to plot Bi-directional Reflectance Distribution Function (BRDF) data which is a function of theta and phi. After several unsuccessful attempts with various commercial packages, I concluded I could get exactly what I wanted using IDL Object Graphics. And I was correct, well almost!

I now have a little IDL program that creates the type of plots I want using object graphics. My only problem is getting acceptable output from IDL. I am writing my thesis using LaTeX and therefore, my figures need to be in EPS format. This is no problem when I use direct graphics (DG) because IDL provides a PostScript device for outputting DG. I was a bit surprised to see (at least according to the help file) no such feature for object graphics.

I am using IDL 5.3.1 on a Windows NT 4.0 platform. Does anyone know of a way to output object graphics to an EPS file in this situation? The help file indicates that the Unix version does this via the system clipboard but under Windows, it uses a device independent bit map. I would much rather have a vector EPS file similar to the ones produced using the DG postscript device.

Any and all advice would be greatly appreciated. Thanks in advance!

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