
Subject: Re: newbie:Volume Rendering on IDL
Posted by [rivers](#) on Tue, 16 May 2000 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <39200757.CD79DEC7@cscs.ch>, "Sathya Krishnamurthy (CSCS)" <skrishna@cscs.ch> writes:

> Hello All

>

> I am very new to IDL. I have been VTK for sometime. Right now for a
> project due to high-performance requirement, I am to use IDL for doing
> some volume rendering.

>

> I want to write a custom reader for my data which is in a
> rectilineargrid format.

> Then, I want to volume render the data.

>

> Can somebody suggest me how to with IDL ?

I have written a GUI for doing volume-rendering in IDL. It is based on the demo which RSI provides which shows an electron probability distribution and a PET/MRI scan. That demo is crippled, since it can't read other data sets, etc. You can get my `volume_render.pro`, and also `make_movie.pro` (view 3-D data sets as a movie of frames in the X, Y or Z directions, optional MPEG output) and `image_display.pro` (2-D image display with pan, zoom, cursor into your data, etc.) at:

<http://cars.uchicago.edu/software/imaging.html>

Mark Rivers
