Subject: stereo in window
Posted by chamakuri on Thu, 11 Aug 2005 07:59:08 GMT

Hello,

I have been using IDL for sometime, and have grown to appreciate the possibilities it offers to a programmer.

I have a peculiar problem at hand which is described below

I have two images which have been taken from two different angles (I came to understand that they are referred as *stereo* pairs), I am interested in creating a 3D effect by simultaneously viewing them in a single window (aka stereo in a window) using IDL.

Now I am not an expert in this kind of things, but I understand that there are two methods of achiveing stereo in window

A) Anaglyph, if I am not wrong, uses two colors to display the image viz. red and green (god knows why only red and green)

B) Quadbuffer ,something related to hardware rendering and is way beyond me(and is definitely ruled out leaving me with option A only.)

Any ideas how one can create anaglyph in IDL using object graphics?

Oh I forgot to mention that the images are color images and I dont want to loose the color information.

Any kind of help in form of code and/or pointers to literature on stereo in window would be highly appreciated.

With regards
Srikar