Subject: 3D imaging/rotation

Posted by Mark McGillion on Tue, 16 Mar 1999 08:00:00 GMT

Hi all,

I have some 3D data (3 prinicpal components) that I have initially
plotted using the plot_3dbox procedure. This gives me a nice view of my
data, however, I would like to be able to drag and rotate the plot using
my mouse to give a better view of the separation of the data points.

I have examined the code on the v5.1 distribution to see how the
demo->visualisation->3DGeometry code works. It appears that I need to
use a DRAW WIDGET with an XMANAGER callback loop. I am in the process of
coding this now.

My problem is that I do not know how to draw my 3D data to the DRAW
WIDGET. Do I use plot_3dbox again or use some other method? Once I have
done this, I should be able to proceed but this is holding me up.

Any help would be appreciated, especially example code if you have it.

Thanks in advance:-)

Mark

p.s. I am using IDL for WindowsNT (v4.0) on a P266.