

Hi everyone :)

I want to use this program to view roughly 100 regularly spaced points, and their properties. The problem I seem to have is that the ORBS are not spherical, but instead kind of ellipsoid. This is because the data ranges for X, Y and Z are not comparable? What I mean is that the xrange goes from 0-100, while the zrange from 0-0.01 for example. Any idea on how to fix this? ( I'm relatively new to IDL ;) )

The program can be found here:

[http://www.dfanning.com/tip\\_examples/scatter\\_surface.pro](http://www.dfanning.com/tip_examples/scatter_surface.pro)

And I think the orbs are created in this section:

```
; Create the symbols for each point. This is almost certainly  
; not the most efficient way if you have lots of points, but  
; it works well for a reasonable number.
```

```
npts = N_Elements(x)  
orbs=ObjArr(npts)  
line=ObjArr(npts)  
FOR j=0,npts-1 DO BEGIN  
  orbs[j] = Obj_New('ORB', Color=[r[zcolors[j]], g[zcolors[j]],  
b[zcolors[j]]], $  
    Style=2, Radius=0.015, Pos=[x[j],y[j],z[j]])  
  line[j] = Obj_New('IDLgrPolyLine', [x[j], x[j]], [y[j], y[j]],  
[min(z), z[j]], $  
    Color=[r[zcolors[j]], g[zcolors[j]], b[zcolors[j]]])  
  thisModel->Add, orbs[j]  
  thisModel->Add, line[j]  
ENDFOR
```

Also, my data consists of 3 different sets. I would like to have 1 color for each set, but ofcourse different when compared to the other 2. Any hints on how to proceed on this?

Thanks in advance! :)

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