## Subject: Plot3D bug in 8.1
Posted by David Grier on Mon, 09 May 2011 13:13:53 GMT

Dear Folks,

I've confirmed that the following code works in IDL 8.0.1
but fails in 8.1, even though the documentation for Plot3D
has not changed between the two versions:

```
x = randomu(seed, 100)
y = randomu(seed, 100)
z = randomu(seed, 100)
orb = orb()
p = plot3d(x, y, z, SYM_OBJECT = orb)
```

In IDL 8.0.1, this creates an object graphics plot with
spheres at the vertices.

By contrast, IDL 8.1 emits the following error message,
and no plot:
% PLOT3D: Unknown property: SYM_OBJECT
% Execution halted at: $MAIN$

This quite clearly is a bug, therefore.

Strangely enough, iplot still understands the SYM_OBJECT keyword
in IDL 8.1.

All the best,

David