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Subject: Re: Sphere in iTools?

Posted by [Rick Towler](#) on Fri, 17 Dec 2004 21:37:00 GMT

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Joe wrote:

> Hello-

>

> I'm relatively new to IDL programming so please forgive me if this is a

> stupid question...

>

> How can I create a sphere using iTools?

I can only get you half-way.

You can get the vertices and connectivity for a sphere from the "orb" object:

```
oOrb = OBJ_NEW('orb', RADIUS=2.0, DENSITY=2.0)
oOrb -> GetProperty, DATA=verts, POLYGONS=conn
OBJ_DESTROY, oOrb
```

What you do with the data in verts and conn in iTools is up to you.

The more general question would be how to get an instance of IDLgrPolygon into an iTool. If you get an answer to that, then you can just drop the orb in and forget about the rest.

-Rick

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Subject: Re: Sphere in iTools?

Posted by [Joe\[4\]](#) on Sat, 18 Dec 2004 21:25:00 GMT

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It was pretty easy to drop it into iTools.

pro sphere, radius, itoolid

```
oOrb = OBJ_NEW('orb', RADIUS=radius, DENSITY=2.0)
oOrb -> GetProperty, DATA=verts
OBJ_DESTROY, oOrb
iplot, verts, overplot=itoolid
```

end

Thanks Rick!

Joe

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