
Subject: Re: Creating a sphere (Object Graphics)
Posted by [Jason P. Meyers](#) on Mon, 29 Jan 2001 18:05:05 GMT
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OK, I hate editors that don't warn you about breaking long lines. The following lines should all be a single line in the IDL procedure. Most are just comment lines, but two are actual lines of code.

Sorry for any confusions this may have caused!

Jason

"Jason P. Meyers" wrote:

```
>  
>  
> PRO JPM_Make_Sphere, n, x=x, y=y, z=z  
>
```

The following pairs of lines should have been left together as one

```
> ; Parameter: n : array width (must be odd, but we'll make it odd if  
> it's not)
```

```
> ; Keywords: x,y,z : named variables to contain the 2-D arrays (n x  
> 2n-1)
```

```
> ; Tweeking the value of m adjusts the spacing of points along the  
> z-profile.
```

```
> x1 = cos(atan(yy,xx))*(sqrt(abs(1-(1-abs(xx))^m)) >  
> sqrt(abs(1-(1-abs(yy))^m)))
```

```
> y1 = sin(atan(yy,xx))*(sqrt(abs(1-(1-abs(xx))^m)) >  
> sqrt(abs(1-(1-abs(yy))^m)))
```
