

---

Subject: sorting out polygon connectivity in a simple 2D rectangular dataset...

Posted by [George.millward](#) on Thu, 15 Nov 2012 23:48:01 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi There,

I'm getting stumped by what I think should be really easy.

I have a 180 by 60 rectangular dataset and I want this to be the `vert_colors` on an `idlgrpolygon`. But how do I calculate the connectivity - shouldn't it be really easy for a simple rectangular dataset ?

ie, I have 3D cartesian coords: `x(180,60)`, `y(180,60)`, `z(180,60)` and some data `Density(180,60)` that I want to be the `vert_colors`.

It works if I use `'style=0'` but thats because this just plots 'dots' so the connectivity is not important. But for the standard surface `'style=2'` it's not looking right. Should one need to define the connectivity for a simple 2D rectangular surface - it would seem to me that the default would be for this to 'just work' ?

Cheers

George.

---