
Subject: Re: pollyfillv, area of a blob, etc...

Posted by [David Fanning](#) on Thu, 03 Apr 2008 14:16:33 GMT

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JP writes:

- > by the way, I would be happy if at least I could calculate the
- > centroid of each polygon and then get the array index for each
- > centroid.

I suppose the centroid of the polygon is the average value of its vertices, or maybe the mean if you didn't want to overbias outliers. In your case, you could probably just pick a vertex and be pretty darn close to it. :-)

- > But I don't know how to calculate the centroid (Coyote's procedure
- > CENTROID works with an array, not with a polygon).
- >
- > And if I had the centroid, how do I easily get the array index?

ROUND would probably work. :-)

Or, if your polygons were in some other coordinate system, you will have to convert from that system to device coordinates. CONVERT_COORD will be helpful.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
