Subject: determining if a point is "inside" or "outside" a shape

Posted by dmarshall on Mon, 18 Oct 1999 07:00:00 GMT

I have an interesting problem that I'm betting someone has solved already in some form or another.

I have a set of x,y coordinates that describe a polygon, 2d in my case. How do I tell if another x,y point is inside the boundary of my polygon?

I had an idea to take the center of my polygon and extend a line from it to the point and beyond, seeing if I cross the perimeter an odd number of times.

Any other suggestions?

Dave.

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