
Subject: Re: Point inside/outside a polygon?
Posted by [david\[2\]](#) on Fri, 10 Aug 2001 16:37:15 GMT
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Dennis Boccippio writes:

> Does anyone know of IDL routines for determination of whether a point
> datum is inside/outside a closed irregular polygon? I'm told that some
> variants of this functionality are available in Matlab and Mathematica,
> was curious if anyone had implemented a solution for IDL. My usual
> kludge to this is polyfill/mask-based, which is probably a very
> inefficient approach...

Here is an article that describes one approach:

http://www.dfanning.com/tips/point_in_polygon.html

I am using the INSIDE program described there to
determine if a contour line is internal or external to
another contour line in a current application
I am building for a client and it works beautifully.

Cheers,

David

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