
Subject: Re: Strange behavior of POLYFILL
Posted by [David Fanning](#) on Wed, 21 Sep 2011 13:21:58 GMT
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Xavi Llort writes:

- > After hours fighting against POLYFILLV, I found a strange
- > behavior that I cannot understand...
- >
- > Here there is a small code searching the points inside a triangle. Why
- > there is a point that clearly is inside the triangle and not retrieved
- > by PolyfillV (see plot)? Does anyone have a solution?

I don't have time this morning to look at this very carefully, but I will say that PolyFillV is a **graphic** solution, not an **analytical** solution. It seems to me you are looking for an analytical solution. If so, there are better ways. IDLanROI is one and here is an article that describes another:

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

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
