
Subject: Re: Strange behavior of POLYFILL
Posted by [Xavi Llor](#) on Thu, 22 Sep 2011 10:41:22 GMT
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Thanks for the answer,

But I also coded an analytical solution. The point is that I need a really fast way to obtain all the points inside a polygon rather than testing one by one.

I have to calculate this for $\sim 1.E6$ different polygons in less than 4 minutes and all analytical solutions do not fulfill the benchmark. POLYFILLV does, but giving a wrong answer!!

I ended in this simple polygon (a triangle) that instead of retrieving 10 points is only retrieving 9 (clearly seen in the plot). I do not know if it is really an IDL bug or I'm doing something wrong...
