Subject: Re: Points in a rectangle with an angle
Posted by David Fanning on Wed, 05 Apr 2006 16:48:51 GMT
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JJMeyers2@gmail.com writes:

> I have a problem in IDL that I was wondering if anyone has any idea how
> it can be done.
> I have a set of coordinates and I am trying to figure out how many of
> the coordinates are inside a rectangle. I know the coordinates of the 4
> edges of the rectangle but the problem is that the rectangle is at an
> angle in the x,y axis (I know the slope). I can not just say
> coords=where((x LE xmax) AND (x GT xmin) AND (y LE ymin) AND (y GT
> ymax))
> because that will give me coordinates of a rectangle without an angle
> (parallel to the y axis).
> Is there any function in IDL that might be doing that?

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

Cheers,

David
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