
Subject: Re: Points in a rectangle with an angle
Posted by [Maarten\[1\]](#) on Thu, 06 Apr 2006 11:37:32 GMT
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JJMeyers2@gmail.com wrote:

> 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))

If you named your variables correctly, that should never return a value
;)

> 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?

You may want to check out the IDLanROI object. Works on vectors as
well, even in 3D.

Maarten
