
Subject: Re: Creating an ordered 'blob' ROI from a messy 'criss-crossed' ROI....

Posted by [David Fanning](#) on Fri, 06 May 2011 03:49:39 GMT

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James Preiss writes:

- > There is no general way to solve this problem unless you put some
- > constraints on allowable region shapes. For example, see the image I
- > just made at <http://imgur.com/NqlxG> . If you only allowed convex
- > ROIs, then you could take the convex hull of the points, but I doubt
- > you want that restriction. I can't think of any elegant solutions -
- > you'd be better off demanding that your users click in order.

I agree with this, but there are times when you have too many points bunched up, and too few points somewhere else.

I use the Coyote Library program ArcSample to "even" the points out, so there is approximately an equally spaced density of points around the exterior of the ROI.

Naturally, your mileage may vary with this solution, too.

But, I have used it successfully on more than several occasions. :-)

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
