
Subject: Re: Creating an ordered 'blob' ROI from a messy 'criss-crossed' ROI....
Posted by [George Millward](#) on Thu, 12 May 2011 19:21:55 GMT

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On May 5, 9:49 pm, David Fanning <n...@idlcoyote.com> wrote:

> 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 of 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
>
> --
> 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.")

Hmm,

I see the problem - it's obvious that there cannot be any 'general'
solution I guess.

I'll take a look at ArcSample though - that looks useful.

Thanks guys,

George.
