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 athttp://imgur.com/NgIxG. 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.