Subject: Re: pollyfillv, area of a blob, etc...
Posted by pgrigis on Fri, 04 Apr 2008 14:18:51 GMT

JP wrote:
> G'day everyone,
>
> I need to create a mask of pixels contained within a polygon. I tried
> with POLYFILLV, but the problem I have is that my polygons are small
> compared to the pixel size and in some cases there are no pixel
> centers within my polygon and POLYFILLV returns -1.
>
> I found the discussions about this, including "POLYFILLV weirdness",
> "Area of a Blob", etc. For my particular application it doesn't really
> matter the criteria I use for selecting the pixels, but at least I
> need to get the array indices for the pixels that "touch" each
> polygon.

Then you just need to add to the mask all pixels that contain at least
one vertex and you will have solved your problem with small polygons.

Paolo

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> By the way, ENVI's vector to ROI procedure is probably using
> POLYFILLV as well and I don't get any ROI out of those small
> polygons.
>
> Any help will be very much appreciated.
>
> JP