Subject: Re: Image and ROI Help
Posted by David Fanning on Fri, 27 Oct 2006 14:28:32 GMT

Jimoid writes:

> My next stage is how to use the ROI data to select the region of the
> image. As I see it there are two possibilities:
>
> (i) a graphical approach where I turn the ROI data into a polygon and
> use it mask the image, or
> (ii) a computaional approach where I take the image data values and use
> the ROI coordiante data to calculate the image ROI information I need.
>
> My feeling is that the second approach would be better as it is more
> direct; the first approach uses an extra graphical step to arrive at
> the same result. What do others think?
>
> My second question is can anyone suggest methods for the second
> (computational) approach? I have been thinking that I could create an
> array filled with zeros the same size as my image, and use the ROI data
> to create an area within the array filled with ones and then multiply
> the two arrays. I am sure there must be better methods however.

I think I would put the ROI into an IDLanROI object,
and then just about everything you wanted to do with
an ROI would be sitting there in front of you. -)

Cheers,

David
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")