Subject: Re: routine in ENVI to pass from EVF to ROI???? Posted by txominhermos on Mon, 07 Aug 2006 06:45:55 GMT View Forum Message <> Reply to Message

Thanks for your reply David, but I dont know how to use ARRAY\_INDICES with an image load via ENVI\_OPEN\_FILE. As you know the arguments requieres are Array and Index, but I do not have the array in memory (because it is too big).

I have got the indices from:

```
FOR j=0,nb-1 DO BEGIN
roi_data = ENVI_GET_ROI_DATA( roi_id, fid=fid, pos = [j])
ENVI_GET_ROI_INFORMATION, roi_id, ns=ns, nl=nl
roi_addresses = ENVI_GET_ROI(roi_id) ; Get the
"position" of the pixels in the ROI
ENDFOR
```

So, the main problem -in this moment- is how to transform pixel addresses into pixel coordinates with an image load via ENVI\_OPEN\_FILE and without memory to store that image.

-txomin

## David Streutker ha escrito:

- > Once you have the vector of roi\_addresses, you can use ARRAY\_INDICES to
- > convert the addresses to 2-dimensional coordinates. Then find the MIN
- > and MAX of the x and y coordinates.

>

- If you have read the original file already, just use
- > ENVI WRITE ENVI FILE, Data[xMin:xMax,yMin:yMax] ...

>

- If you don't have enough memory to read in the original file, I \*think\*
- > you can use MOSAIC DOIT to clip the original. MOSAIC DOIT is meant for
- > use with multiple files, but I believe it will work with a single one,
- > and you can use the x0 and y0 keywords to effectively subset the image.

>

> -David