
Subject: Re: Objects in ENVI ROI files

Posted by [zhour.najoui](#) on Wed, 22 May 2013 13:40:08 GMT

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I tried the code, but the number of polygons that I got is different from the number of polygons in the file .roi (I Verife using ENVI ==> basic tools ==> region of interest ==> ROI tools).

I thought to do this step on ENVI (ROI TO EVF) and I need to know how to get the number of polygons in each region ROI from my program.

I can get the number of points in each region = `n_elements(roi_addr)`

but how to get the number of polygons in each region?

here is part of my code :

```
;-----  
; Load the region_of_interest file  
;-----  
envi_restore_rois, region_of_interest      ; Restore the ground truth ROIs  
if (fid eq -1) then return  
roi_ids = envi_get_roi_ids(fid=fid, roi_names=roi_names)  
class_ptr = lindgen(n_elements(roi_ids)) + 1  
if (roi_ids[0] eq -1) then begin  
    print, ' ROIs not found'  
    return  
endif  
  
for i=0, n_elements(roi_ids)-1 do begin  
    roi_addr = envi_get_roi(roi_ids[i], roi_name=name)  
    ENVI_GET_ROI_INFORMATION,roi_ids, ns=ns, nl=nl, npts=npts  
  
endfor
```

thanks
