
Subject: Problem reading multiband-ENVI file

Posted by aleks.franca@gmail.co on Sat, 23 Jun 2007 01:53:01 GMT

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I have an Envi file with 6 bands and I need to take the bands apart in separate variables so that I can display them in my GUI routine.

That's what I have:

```
:: Starts here
envi_select, title="WAVECHANGE: Select 'Initial State' Image",$
    fid=fid1, dims=dims1, pos=pos1
if (fid1 eq -1) then return

envi_file_query, fid1, fname=fname1, bname=bname1,$
    data_type=data_type1,$
    ns=ns1, nl=nl1, nb=nb1,$
    sname=sname1, xstart=xstart1, ystart=ystart1

;get number of slices
n_slices = nb1
img = BYTARR((dims1(2)+1),(dims1(4)+1),n_slices)

;for each slice in the selection
for i = 0, n_slices-1 do begin

    ;get filename
    file = fname1

    ;create empty slice
    image = bytarr((dims1(2)+1),(dims1(4)+1))

    ;open file and fill in slice
    OpenR, lun, file, /Get_lun
    ReadU, lun, image
    Free_lun, lun

    ;store slice in volume
    img[*, *, i]=image
endfor

;image = CONGRID(image, dims1(2)+1, dims1(4)+1)
;WINDOW, 3, XSIZE = dims1(2)+1 , YSIZE = dims1(4)+1
;image = bytscl(image)
;TV, image

;;Ends here
```

This is not working with my envi file. I don't know if this is the

right way to do it. I have no experience with envi files.

Any help would be appreciated..

thank you

Aleksander
