Subject: Re: divise image envi-idl Posted by jeanh on Tue, 18 May 2010 16:15:40 GMT

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Hi tonino_nestor
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- > I try to write a batch to divise my image but apparently, the values
- > of the loop are wrong... could someone explain me what is wrong?

what error do you get?

- envi open file, image, r fid=fidimage, /NO REALIZE > > if (fidimage eq -1) then begin > print, 'error nestor'
- >
- endif

at times, the r\_fid can be an array... it works better to test if (fidimage[0] eq -1)

result = dblarr(NSimage/5, NLimage/2, NBimage)

result is of type double

- > for i = 0, (NSimage-NSimage/5), NSimage/5 do begin
- for j = 0, (NLimage-NLimage/2), NLimage/2 do begin >
- result = image[i:i+((NSimage/5)-1),i:j+((NLimage/2)-1),i:j+((NLi>
- > 0:NBimage-1]

>

result is of the type of image (float? double? int?)

- envi\_write\_envi\_file, result, data\_type=4 >
- outname = STRCOMPRESS('C:\Documents and Settings\Administrateur >
- \Mesdocume\'+string(i/(NSimage/5))+string(i/(NLimage/2)),/RE MOVE ALL)
- openw, lun, outname, /Get\_lun >
- close, lun >
- free lun, lun >

here is your problem...

- 1) the output is of type float. So, if image is a double, your problem is here!, change the data\_type.
- 2) you need to specify more argument than that to envi\_write\_envi\_file, including the outname (if you don't want to have the output only in memory), ns, nl, nb... see the help file.
- 3) you open and close the file... this is useless.
- 4) don't use STRCOMPRESS this way. The output would be, for the

begining: C:\DocumentsandSettings\ which is, I believe, not the directory you are looking for. Instead, use strtrim ==> +string(i/(NSimage/5)) becomes +strtrim(i/(NSimage/5),2)

Jean

- > endfor
- > endfor
- >
- > end