
Subject: Re: divise image envi-idl
Posted by [tonino](#) on Thu, 20 May 2010 20:22:38 GMT
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Thank you all for your advices...

Now, my program is running. I can even write into my header (so nice).
The last problem is that my images ar not recognized when when I try
to open them with ENVI :

pro tuilage

```
;ENVI, /RESTORE_BASE_SAVE_FILES
ENVI_BATCH_INIT

image = 'C:\Documents and Settings\Administrateur\Mes documents
\cooccurrence+1+2'
envi_open_file, image, r_fid=fidimage, /NO_REALIZE

if (fidimage eq -1) then begin
  print, 'error nestor'
endif

envi_file_query, fidimage, dims = dimimage, NB=NBimage, NL=NImage,
NS=NSimage, Bnames=Bnamesimage, data_type = data_type
pos = lindgen(NBimage)

openr, lun, image, /get_lun
espace = fltarr(NSimage, NImage, NBimage)

READU,lun, espace

result = fltarr(NSimage/5, NImage/2, NBimage)

for i = 0, (NSimage-NSimage/5), NSimage/5 do begin
  for j = 0, (NImage-NImage/2), NImage/2 do begin

    result = espace[i:i+((NSimage/5)-1),j:j+((NImage/2)-1),
0:NBimage-1]

    mc = [0, 0, 724295*i*(NSimage/5)*2.5, 1635835.0*j*(NImage/
2)*2.5]
    ps=[2.5,2.5]

    map_info=envi_map_info_create(/UTM, datum=datum, zone=20, ps=ps,
mc=mc)
```

```
    outname='C:\Documents and Settings\Administrateur\Mes documents
\'+strtrim(i/(NSimage/5))+strtrim(j/(NLimage/2))+'img'
    envi_write_envi_file, result, data_type=4, nb=NBiimage,
nl=NLimage/2, $
    ns=NSimage/5, BNAMES=BNamesimages, out_name=outname,
byte_order=0, map_info=map_info

;    envi_setup_head, Bnames=Bnamesimage, data_type=4,
fname=strcompress(out_name+'.hdr', /REMOVE_ALL), $
;    NS=NSimage/5, NL=NLimage/2, NB=NBimage, $

openw, unit, outname, /Get_lun
writeu, unit, result
free_lun, lun

endfor
endfor

end
```
