
Subject: Re: divide image envi-idl

Posted by [Antoine Cheula](#) on Wed, 19 May 2010 14:17:42 GMT

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"Jeff N.

"You need to read the image data into memory if you want to subscript it this way."

That was the problem. I still have a problem to save my divide images with the function `envi_write_envi_file`...

Now, my program look like this :

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, NLimage, NBimage)
```

```
READU, lun, espace
```

```
result = fltarr(NSimage/5, NLimage/2, NBimage)
```

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

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

```
        envi_write_envi_file, result, data_type=4, nb=NBimage,
nl=NImage/2, $
        ns=NSimage/5, BNAMES=BNamesimages, $
```

```
        outname = STRCOMPRESS('C:\Documents and Settings\Administrateur
\Mes documents\' + string(i/(NSimage/5)) + string(j/(NImage/2)), /
REMOVE_ALL)

    endfor
endfor

end
```
