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Subject: Re: open and save a set of image

Posted by [cecilia.devecchi](#) on Tue, 21 Nov 2006 13:29:37 GMT

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We have a set of hdf files about wind field. We extract these data of an area on the Mediterranean Sea.

We extract these data and we write them in a \*.txt file with the following lines:

```
fileout= 'C:\QS' + name + '.txt'
print, ' OUTPUT FILE: ', fileout
openw, 2, /get_lun, fileout
printf, 2, 'ASCENDING PASS (DAYTIME)'
printf, 2, ' LON   LAT   SPD   U   V   SPD2 COUNT
TIME
etc....
....
close, 2
```

With these lines, we succed to pass every file, but we succed to write in txt only the first file :

```
file_array=file_search('C:\QS\', $
 '*.200*', count=num_file)
for i=0, num_file-1 do begin
  filename=file_array(i)
  print, filename
openr, lun, /get_lun, filename
```

```
;read, analisys so the lines that we found above
fileout= 'C:\QS' + name + '.txt'
print, ' OUTPUT FILE: ', fileout
openw, 2, /get_lun, fileout
printf, 2, 'ASCENDING PASS (DAYTIME)'
printf, 2, ' LON   LAT   SPD   U   V   SPD2 COUNT
TIME
etc....
....
close, 2
```

```
free_lun, lun
endfor
```

How do we write (or we wrong) to write every files txt automatically?

We hope to explain our problem.

Thanks a lot

Regards

greg michael ha scritto:

> Hold on - what's that \*.200\* about? That wouldn't match either of the  
> names you showed.

>  
> Try beginning from something like:

>  
> print,file\_search('D:\mydocs\tmp\\*.\*.')

>  
> (or a path with just a \* for unix) - see if it lists what you expect.

>  
> many greetings,

> Greg

>  
>

> cecilia.devecchi@gmail.com wrote:

>> No, sorry....We open, read, extract our data. We have written the  
>> following 'loop for' to open these data:

>>  
>> file\_array=file\_search('filepath', '\*.200\*', count=num\_file)

>> for i=0, num\_file-1 do begin

>> filename=file\_array(i)

>> print, filename

>> openr, lun, /get\_lun, filename

>>

>> ;read

>> free\_lun, lun

>> ;Analyze....

>> ....

>> ....

>> endfor

>>

>> But analyze only the first file.....where do we wrong?

>> We hope to explain our problem....

>>

>>

>>

>> Ben Tupper ha scritto:

>>

>>> cecilia.devecchi@gmail.com wrote:

>>>> Well, probably we're more newbie than others :).

>>>>

>>>> We agree with Paul, we have given few details. We know that we need of

>>>> a FOR loop, but we have this problem: the name of image are

>>>> 01--1-960305-0941-D-24258, 02--1-960409-0941-D-24759, etc...How do we

>>>> open (simply open) all the image with this kind of name? For the remain

>>>> of homework (analysis etc), the script is already written.

```
>>>> We need some advice about this "name problem" from programmers expert
>>>> (like David that is a "IDL guru" ;) or programmer that has already
>>>> dealt this problem.
>>>
>>>
>>> Hi,
>>>
>>> Is the concern is that your files don't have extensions? If so, then
>>> rest easy if the images are standard format like TIFF, PNG, etc.
>>>
>>> I created a TIFF and saved it without an extension. IDL (6.3) read it
>>> back in without a hitch.
>>>
>>> IDL> image = read_image('/Users/ben/12--345-67')
>>> IDL> help, image
>>> IMAGE      BYTE    = Array[406, 408]
>>>
>>> Does that help?
>>>
>>> cheers,
>>> Ben
```

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