
Subject: Re: count number of pixels and write to a txt file
Posted by [Moritz Fischer](#) on Mon, 02 Feb 2015 07:43:05 GMT
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Am 02.02.2015 um 07:38 schrieb beardown912@gmail.com:

> Hello,
>
> I've been banged my head and pulling out my hairs for last a couple
> of days, but I am still struggling. And I decided to get some help
> from you guys.
>
> What I've been trying to is counting number of pixels meets a
> condition and write it into a text file with the file name. And I am
> dealing with about 20,000 image files. I used 'where' function and it
> works fine in displaying while looping. However, only the last value
> of pixel number and all file names are appended. Below is what I've
> been reached. It looks very sloppy :)
>
> ----- pro filelist
>
> filter = ['*.tif'] file = file_search(dialog_pickfile(PATH='C:\',
> filter=filter, get_path=outdir, /multiple_files), count=numbers)
> FILE_MKDIR, outdir
>
> FOR j=0, numbers-1 DO BEGIN
>
> Image = read_tiff(file[j])
>
> index = where(image ge 210, ct)
>
> if ct GT 50000 then begin openw, lun, outdir + 'test00.txt ',
> /get_lun printf, lun, ct, file close, lun free_lun, lun endif
>
> ENDFOR end -----
>
> Any tip would be greatly appreciated.
>
> Thanks, Kim
>

Hi!

You are re-opening (and thus overwriting) the file. You could

a) add "/APPEND" to the openw command

b) pull the openw/close/free_lun out of the loop.

Solution b) is faster, but considering the WHERE command it probably doesn't matter in this case.

I also think you can ommit either the free_lun or the close command, but I'm not sure at the moment.

m
