On Tuesday, May 19, 2015 at 6:12:53 PM UTC-4, Helder wrote:
> On Wednesday, May 20, 2015 at 12:03:23 AM UTC+2, Helder wrote:
>> On Tuesday, May 19, 2015 at 11:07:39 PM UTC+2, livingw...@gmail.com wrote:
>>> Dear Gurus,
>>>
>>> I have RGB images in tif format and want to do simple arithmetic calculations.
>>> A big obstacle to me is number of files to be processed, about 10,000 images.
>>> Name of the image files has sequential id such as img_1.tif, img_2.tif, ..., img_10000.tif.
>>> And I have a text file containing image names, coefficients, and offsets.
>>> I think reading the text file as an array with three columns and lines matching number of files seems to be successful.
>>>
>>> I've tried to read image files with dialog_pickfile, but I've learned that the function limits byte length and can't seem to go beyond more than 2,000 files or so.
>>> And I've tried to read image files with file_search, but it didn't do calculation in sequential order.
>>>
>>> Would you give some suggestion how to read image files in order, so that following calculation should be in order from 1 to 10,000?
>>> Or a way to do calculation with image name corresponding lines in the text file?
>>>
>>> Thanks in advance,
>>> Kim
>>
>> I've been there before and I see two ways out of this:
>> 1) construct the file array with something like 'img_'+strtrim(indgen(10000)+1,2)+'.tif'
>> 2) use file_search and then sort the file array to have the order you wish
>> 3) read the text file sequentially and process sequentially
>>
>> Option 2) is not easy because the files don't have a format like img_00001.tif, otherwise sorting would be easier.
>>
>> Hope it helps.
>> Helder
>
> Brilliant... two ways out in three points. Don't drink and type.
> Helder

Thanks much. will try it shortly and update.

Kim