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Subject: Re: Process series of image files?

Posted by [David Fanning](#) on Thu, 29 Mar 2007 16:46:47 GMT

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go cats writes:

- > I have another question. I learned that `dialog_pickfile()` is useful to
- > pick an input file, instead of modifying and save code. Is there a way
- > to define output file name in that way? I mean specifying user defined
- > output file name, instead of modifying `write_tiff` every time.

This is, generally, what is meant by the term "programming". :-)

```
; Get all the input TIFF files in directory.  
files = File_Search('*.tif', Count=count)
```

```
; Process each file somehow...  
FOR j=0,count-1 DO BEGIN  
    something, something, something
```

```
; Write the file out with a changed name.  
dir = File_DirName(file, /Mark_Directory)  
basename = File_BaseName(file, '.tif')  
outfile = dir + basename + '.processed.tif'  
Write_Tiff, outfile, processedImage  
ENDFOR
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: Process series of image files?

Posted by [David Fanning](#) on Thu, 29 Mar 2007 16:52:58 GMT

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David Fanning writes:

- > ; Get all the input TIFF files in directory.
- > files = File\_Search('\*.tif', Count=count)
- >
- > ; Process each file somehow...
- > FOR j=0,count-1 DO BEGIN

```
> something, something, something
>
> ; Write the file out with a changed name.
> dir = File_DirName(file, /Mark_Directory)
> basename = File_BaseName(file, '.tif')
> outfile = dir + basename + '.processed.tif'
> Write_Tiff, outfile, processedImage
> ENDFOR
```

Whoops! I better read the file in there somewhere or you will REALLY get confused. :-)

```
FOR j=0,count-1 DO BEGIN
  image = Read_Tiff(file[j])

  do something, something, something

  ; Write the file out with a changed name.
  dir = File_DirName(file, /Mark_Directory)
  basename = File_BaseName(file, '.tif')
  outfile = dir + basename + '.processed.tif'
  Write_Tiff, outfile, processedImage
ENDFOR
```

Cheers,

David

--

David Fanning, Ph.D.  
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: Process series of image files?  
Posted by [beardown911](#) on Thu, 29 Mar 2007 21:46:50 GMT  
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On Mar 29, 11:52 am, David Fanning <n...@dfanning.com> wrote:

```
> David Fanning writes:
>> ; Get all the input TIFF files in directory.
>> files = File_Search('*.*tif', Count=count)
>
>> ; Process each file somehow...
>> FOR j=0,count-1 DO BEGIN
>> something, something, something
>
```

```
>> ; Write the file out with a changed name.
>> dir = File_DirName(file, /Mark_Directory)
>> basename = File_BaseName(file, '.tif')
>> outfile = dir + basename + '.processed.tif'
>> Write_Tiff, outfile, processedImage
>> ENDFOR
>
> Whoops! I better read the file in there somewhere or
> you will REALLY get confused. :-)
>
> FOR j=0,count-1 DO BEGIN
>   image = Read_Tiff(file[j])
>
>   do something, something, something
>
>   ; Write the file out with a changed name.
>   dir = File_DirName(file, /Mark_Directory)
>   basename = File_BaseName(file, '.tif')
>   outfile = dir + basename + '.processed.tif'
>   Write_Tiff, outfile, processedImage
> ENDFOR
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
```

David,

Thank you so much.

I haven't tried yet though, but really appreciate your kind help.

Have a nice day,

Phil

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