
Subject: Re: Copy file to all subfolders

Posted by [Kai Heckel](#) on Wed, 13 May 2015 10:30:57 GMT

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Am Mittwoch, 13. Mai 2015 11:29:56 UTC+2 schrieb Mats Löfdahl:

> Den onsdag 13 maj 2015 kl. 11:20:00 UTC+2 skrev Kai Heckel:

>> Am Mittwoch, 13. Mai 2015 10:22:12 UTC+2 schrieb Mats Löfdahl:

>>> Den onsdag 13 maj 2015 kl. 09:04:18 UTC+2 skrev Kai Heckel:

>>>> Am Dienstag, 12. Mai 2015 16:57:05 UTC+2 schrieb David Fanning:

>>>> > Kai Heckel writes:

>>>> >

>>>> > > Yep I tried the FILE_COPY function but it didn't work...

>>>> > > e.g. I tried this line:

>>>> > >

>>>> > > FILE_COPY, DIALOG_PICKFILE(Title='Select file: '), file_dirs

>>>> > >

>>>> > > -> file_dirs is a variable that contains all subfolders

>>>> >

>>>> > Yeah, the documentation is probably leading you astray. I'd use it in a

>>>> > loop. Mats will show you how now that he is in the right frame of

>>>> > reference. ;-)

>>>> >

>>>> > Cheers,

>>>> >

>>>> > David

>>>> > --

>>>> > David Fanning, Ph.D.

>>>> > Fanning Software Consulting, Inc.

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

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

>>>>

>>>> So I tried this:

>>>>

>>>> FOR i=0, N_ELEMENTS(file_dirs)-1 do

>>>> spawn, 'cp ', 'myfile', file_dirs[i]

>>>> ENDFOR

>>>>

>>>> ...somehow this won't work. This maybe an absolute newbie thing but I acutally am new to IDL and programming in general. ;)

>>>

>>> The spawn command wants a single string so you should concatenate the parts of the command you want to execute. Also, if myfile is a variable containing the file name, it should not be in quotes.

>>>

>>> Doing something like this in the loop makes it easier to see that you get the command string right:

>>>

>>> cmd= 'cp ' + myfile + ' ' + file_dirs[i]

```
>>> print, cmd
>>> spawn,cmd
>>
>> Using that and other structures, IDL always prints that "FILE_DIRS with K is out of range.".
"file_dirs" includes the full path to every folder that I want the data to be copied to. Still something
wrong with the code?
>>
>> file_dirs = FILE_SEARCH(mydir, /TEST_DIRECTORY)
>> myfile = DIALOG_PICKFILE(Title='Select myfile: ')
>> FOR i=0, N_ELEMENTS(file_dirs)-1 do begin
>>     cmd = 'cp ' + myfile + " + file_dirs[k]
>>     print, cmd
>>     spawn, cmd
>> ENDFOR
>
> You may want to use the loop variable when indexing file_dirs, rather than the undefined (?)
variable k.
```

Oh I forgot to change that but if I do, it doesn't change anything...
