
Subject: Re: Writing to Multiple txt file with different names
Posted by [Craig Markwardt](#) on Tue, 18 Jul 2017 13:42:04 GMT
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On Tuesday, July 18, 2017 at 9:12:18 AM UTC-4, thtr...@gmail.com wrote:

```
> Hello everybody,  
>  
> I need to write my data to a bunch of different files, ideally with 'consecutive' names, such as  
File 1, File 2, File 3, .. so on (up to thousands of text files)  
>  
> Here's my attempt:  
>  
> get_lun, unit  
> for i = 1,1000 do begin  
>   openw, unit, 'File_'+ i + '.dat', /get_lun  
>   printf, unit, 'my data will go in here'  
> endfor  
>  
> IDL keeps saying filename argument must be a scalar string.  
> Any help would be appreciated.  
>
```

Problem 1. You need to use "straight" quotes. You are using something like Microsoft word or some notepads that use curly quotes. IDL uses straight quotes.

Problem 2. The string 'File_'+i+'.dat' won't work because you are combining an integer and string. You could use 'File_'+strtrim(i,2)+'.dat' or use STRING() with a FORMAT= argument.

Problem 3. You are using GET_LUN once at the top of your loop and again for each loop. You never close any files. Use FREE_LUN at the end of your loop.

CM
