
Subject: Re: Open text files consecutively without knowing names

Posted by [morganlsilverman](#) on Fri, 19 Jul 2013 17:17:13 GMT

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On Friday, July 19, 2013 12:42:05 PM UTC-4, John Correia wrote:

> On 07/19/2013 12:22 PM, Morgan Silverman wrote:

>

>> Hello, I have several folders containing ascii files in each. The

>

>> filenames within those folders are a grouping of numbers and letters

>

>> corresponding to year, day, and other instrument characteristics (e.g

>

>> 8358d47a.tps, 8358h41a.tps, 8358l35a.tps). Unfortunately there isn't a

>

>> pattern or order to the filenames beyond the first couple digits which

>

>> are connecting to the parent directory to easily open the files

>

>> consecutively. I want to open each file, read the data, then close and

>

>> repeat on the next file. Is there a way to loop through the files in

>

>> each directory without knowing specifically what the filenames are?

>

>> I'm struggling with how to do this since. Thank you. Sincerely, Morgan

>

>

>

>

>

>

> Should be something like this:

>

>

>

> files = file_search('/path/to/your/files/', '*.tps', COUNT=nfiles)

>

>

>

> for i=0, nfiles-1 do begin

>

>

>

> nlines = FILE_LINES(files[i])

>

> data = STRARR(nlines)

>

> OPENR, lunit, files[i], /get_lun

```
>  
> READF, lunit, data  
>  
> CLOSE, lunit  
>  
> FREE_LUN, lunit  
>  
>  
>  
> ; Do some stuff here  
>  
>  
>  
> endfor
```

This is great. Thank you very much.
