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
```