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Subject: Re: creating multiple files

Posted by [bressert@gmail.com](mailto:bressert@gmail.com) on Tue, 07 Feb 2006 06:15:43 GMT

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Hello Dave,

Thank you for your quick reply and suggestions. I tried what you posted with no luck. I think what I explained was not detailed enough. Here is the part of the script that I'm working with.

```
=====Script=====
;read the columns of the sundata.dat file into program
readcol, dialog_pickfile(), it, sundata, dm, sm

;create matrix of imported data
array = transpose([[it],[sundata],[dm],[sm]])

;array that expresses the total number of rows in it
i = findgen(size(it,/n_elements))

;index values where it[i] gt it[i+1], meaning a new file should be
created
index = [0,where(it[i] gt it[i+1])]
index = transpose(index)

;array that expresses the total number of rows in index
j = findgen(size(index,/n_elements))

;array that is created multiple times to print multiple files of
sun#.txt
sun"j" =
  transpose([[it[index[j]:index[j+1]]],[sundata[index[j]:index [j+1]]],$
    [dm[index[j]:index[j+1]]],[sm[index[j]:index[j+1]]]])

;file creation and printing
openw, lun, 'C:\sun"j".dat', /get_lun

printf, sun"j", index, format='(10i10)'

free_lun, lun
```

```
=====End of Script=====
```

I just need to enter the parameters as you suggested in a way that would work. Your website is very well done and informative. I have gone there many times with promising results, thanks.

All the best,

Eli

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