Subject: Indexing problem.. Please help me out!!!
Posted by kim20026 on Tue, 04 Sep 2007 23:47:13 GMT
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First of all, I am really sorry to everyone here. I should have done this
kind of stuff in other languages such as C++ or Fortran, but I couldn't.
Please understand me.

What I am trying to do now is to merge 40 files with same format into one file. Fortunately, the format of those file is identical...
actually each file is composed of 5 headers and one array (site_arr=fltarr(25,365)). I don't need headers at all, and I just ignored them. I prepared for a big array(met_arr = fltarr(25, 365*40)) to accomodate the 40 files.

I had no trouble to read the first file, but I faced an indexing problem in proceeding further.
1) I read the first file and record it in the first 365 line of met_arr.
2) I was frustrated when I tried to read next file and write it in the
proper location in the met_arr.

I thought it was just a simple indexing problem, but it was not simple
as I expected.

This is what I have done so far. Just take a look and give me any suggestions and comments. Thank you all!!!

Harry

```
pro NWS_All


batch_st = 'batch_nws.txt'
N_nws = file_lines(batch_st)
Sites = Strarr(N_nws)
```

```
openr, lun, batch_st, /get_lun
readf, lun, Sites
Free_lun, lun
close, /all


header1=''
header2=''
header3=''
header4=''
header5=''


met_arr  = fltarr(25, 14600)
site_arr = fltarr(25, 365)
c1 = 0
close, 2
openw, 2, 'NWS_SWR_All.txt'
for i = 0, 3 do begin; 39 do begin


;open 1st file


file = strcompress(Sites[i], /remove_all)
nmet = file_lines(file)


close,1
openr,1, file
readf,1,header1
readf,1,header2
readf,1,header3
readf,1,header4
readf,1,header5
readf,1,site_arr
close,1
   for j = 0, nmet-1 do begin
      DD = 365*(i+1)-1
      if j lt DD then begin
          Met_arr[0, *] = i+1
          Met_arr[1:24, 365*i:365*(i+1)-1] = site_arr[1:24, *]
       endif else begin
          i=i+1
          Met_arr[0, *] = i+1
          Met_arr[1:24, 365*i:365*(i+1)-1] = site_arr[1:24, *]
       endelse
   printf, 2, Met_arr[0:24, *], format = '(25(f10.2, 2x))'
```

```
    endfor
endfor


close, 2
end
```