
Subject: Re: Indexing problem.. Please help me out!!!
Posted by [David Fanning](#) on Wed, 05 Sep 2007 03:06:54 GMT
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DirtyHarry writes:

> 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.

I think this is your problem. You are used to this
being difficult, and with IDL it is so dead simple
you are confused. :-)

> 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=3Dfltarr(25,365)). I don't need headers at all, and I just
> ignored them. I prepared for a big array(met_arr =3D fltarr(25,
> 365*40)) to accomodate the 40 files.

You need to make this a HECK of a lot simpler than
you are doing now. I would say something like this,
where "files" contains the files you want to open.

```
.*****  
,  
; Get the names of the files to read.  
files = Dialog_Pickfile(/Multi, Filter='*.dat')  
  
; Open a file for writing.  
OpenW, fileout, 'bigfile.dat', /Get_Lun, WIDTH=12*25  
  
; Read the data in a loop, and write it into the  
; output file.  
FOR j=0,N_Elements(files)-1 DO BEGIN  
    header = StrArr(5)  
    data = FltArr(25, 14600)  
    OpenR, filein, files[j], /Get_Lun  
    ReadF, filein, header, data  
    Free_Lun, filein  
    PrintF, fileout, data  
ENDFOR  
  
Free_Lun, fileout  
.*****  
,
```

That should pretty much do it. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
