
Subject: index arrays of structures

Posted by [raghuran](#) on Sat, 15 Mar 2008 20:53:47 GMT

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Hi,

With reference to my recent posting (IDL batch indexing), i understood that i could structures. However, i haven't been able to figure out one step.

Here is my code as of now:

; I want to search for all the images(files) in the directory trials,
read them into the structure named data, and access each file within
the structure.

```
pro strcutres
dir1='D:\trials'
cd,dir1
files=FILE_SEARCH('*[^\.{hdr}]', /QUOTE,count=numfiles)
i=0
while i lt numfiles do begin
  named=files(i)
  print,named
  data={ID:'a',sizes:fltarr(2179,761)}
  data=replicate(data,numfiles)
  data.sizes=findgen(numfiles)
  openr,1,named
  readu,1,data[i].sizes
  close,1
  i=i+1
endwhile
end
```

ERROR message- READU: Expression must be named variable in this
context: <FLOAT Array[2179, 761]>.

I am getting the error here because it seems like i am not able to
read in the LUN 1 or named, into data[i].sizes.

Where am i going wrong ?

Raghu
