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Subject: Re: Reading multiple ASCII files in as 2d arrays and putting them into a 3d array

Posted by [polystethylene](#) on Mon, 16 Feb 2009 16:46:34 GMT

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I've run into a strange problem with this:

```
FOR i=0,nfiles-1 do begin
infile = string(folder)+string(i+1,format=('/',i3.3,'.dump'))
OPENR,lun,infile,/GET_LUN
rows = FILE_LINES(infile)
data = fltarr(10,nstar,nfiles)
framearray = fltarr(10,rows)
READF,lun,format = '(I2,1x,I2,1x,I2,2x,F0,2x,I0,5F0.3)',framearray
close,lun
free_lun,lun
data[0,0,i] = framearray
print,i
print,data[*,* ,i]
ENDFOR
print,data
RETURN
END
```

I've stuck a print statement within the loop to check that each 2-d array is being written to the 3-d array with each pass of the loop, and it seemed to be working fine.

However, when I came to pass the variable 'data' out to another procedure, I noticed it was (mainly) full of zeros. A quick print statement outside the loop within the above procedure revealed that I had zeros throughout the entirety of 'data', except for the final value of i.

I.e. there were only values for data[\*,\* ,124], where 124 is the last value of the loop index.

Has anyone come across such behaviour before?

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