
Subject: READF: Input conversion error.

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Hello Everyone..

I have 15 simple ASCII files, which have to be read and the details of it are to be stored in a structure called ROI. The fields of the structure are,

NumROI-vector

Name-String

Color- 3 element vector

NumPoints-integer

Records-integer

Points- Two dimensional vector.

I tried reading them all in a loop by using,

```
FOR i=1,15 DO BEGIN  
    filename=[str,STRTRIM(i,2),ext]  
    file=[filelocation,filename]  
    Trial_ROI_Read,file
```

In the procedure, I tried doing this,

```
PRO Trial_ROI_Read, file
```

```
p =MAKE_ARRAY(5,198,value=1)  
ROIs = CREATE_STRUCT('NumROI',[1],'Name','a','Color','1,1,1','NumPo  
ints',[1],'Records',[1],'Points',p[*,*])  
OPENR, lun1,file, /GET_LUN  
header = STRARR(12)  
READF, lun1, header  
ROIs.NumROI=STRMID(header(3),18)  
ROIs.Name=STRMID(header(9),12)  
ROIs.NumPoints=STRMID(header(11),13)  
ROIs.Color=STRMID(header(10),17)
```

```
points = [id , x, y, lat, lon]  
WHILE ~EOF(lun1) DO BEGIN
```

```
    READF, lun1, id, x, y, lat, lon  
    pt = [id,x,y,lat,lon]  
    ;print, pt  
    points = [points , pt]
```

```
ENDWHILE
```

```
points= REFORM(points , [ 5 , 198 ])
```

But I am not able to open the file and the following error pops up:
OPENR: Expression must be a scalar or 1 element array in this context: FILENAME.

Is there any efficient way to do this..??Please do help me out..I am not well versed with IDL.
