
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.
