Subject: Array subscript for VECTOR must have same size as source expression

Posted by Rohit Deshpande on Fri, 24 Jun 2011 15:27:33 GMT

Hello Everyone,

I am a beginner in IDL and I have been working on a project. I explain
it below:

1. The Idea: Read a bunch of FITS files in IDL. They have structure so
I use MRDFITS. I would like to read each one of them in a separate
variable and plot them. Given that each file has X by Y dimension,
where X is always = 19 while Y changes but is mostly 1636.

2. The Code:

```
im = fltarr(n)
all_barytimes = dblarr(19,4000)
all_normflux = dblarr(19,4000)

FOR i = 0, n-1 DO BEGIN
      ; where filenames are the list of fits files I am reading
it.
 im = mrdfits(file+'raw_test/'+string(filenames[i]),1,head)
 all_barytimes[i,*] = im.BARYTIME
 all_normflux[i,*] = im.AP_CORR_FLUX
ENDFOR
```

3. The Error:

```
IDL> lcs1
% READCOL: 21 valid lines read
MRDFITS: Binary table.  19 columns by  1639 rows.
% Array subscript for ALL_BARYTIMES must have same size as source
expression.
% Execution halted at: LCS1
```

Please let me know how to make it work.

Thanks!