Subject: Works on Linux, not on MacOS Posted by Gray on Thu, 04 Mar 2010 15:59:12 GMT

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Hi all,

I've come across a very strange problem. I'm using Astrolib's FIND procedure to look for objects in an image. When I run my program on my Linux work computer, it works; when I run it on my personal MacBook, it doesn't.

I'm using the same version of IDL and the same version of FIND in both cases. Here's my example code (using the same fits file, which was generated on the Linux machine):

```
LINUX:
IDL> img = readfits('resid BrGamma con.fits',/silent)
IDL> find, img, x,y,f,s,r,5.d2,0.02,[-1.0,1.0],[0.2,1.0],/silent
IDL> help, x
Χ
          FLOAT
                     = Array[228]
IDL> print, x[0:9]
   1693.41
               201.085
                                       2107.43
                           248.418
                                                   2089.72
2120.00
   1641.70
               1942.30
                           688.136
                                       882.025
MAC:
IDL> img = readfits('resid_BrGamma_con.fits',/silent)
IDL> find, img, x,y,f,s,r,5.d2,0.02,[-1.0,1.0],[0.2,1.0],/silent
IDL> help, x
Χ
           FLOAT
                     = Array[249]
IDL > print, x[0:9]
     -NaN
                -NaN
                           -NaN
                                      -NaN
NaN
         -NaN
                     -NaN
                               -NaN
                                          -NaN
                                                     -NaN
What is going on??
Thanks for your help, as always:)
--Gray
```