
Subject: Re: Works on Linux, not on MacOS
Posted by [wlandsman](#) on Fri, 05 Mar 2010 15:41:21 GMT
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On Mar 4, 10:59 am, Gray <grayliketheco...@gmail.com> wrote:

```
> Hi all,  
> 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> print, x[0:9]  
>      -NaN      -NaN      -NaN      -NaN      -  
> NaN      -NaN      -NaN      -NaN      -NaN      -NaN  
>  
> What is going on??
```

You are telling find.pro (<http://idlastro.gsfc.nasa.gov/ftp/pro/idlphot/find.pro>) that the approximate FWHM of sources on your image is 0.02 pixels. This is not a plausible value, and results in the spurious centroid positions.

So why does it work on your Linux machine? I suspect you have an older version of find.pro that used a more simplistic (but evidently more robust) centroid algorithm. --Wayne
