
Subject: Re: saving an output from the find.pro script
Posted by [anes.tziamtzis](#) on Sun, 25 Jan 2015 07:06:27 GMT
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On Sunday, January 25, 2015 at 1:51:20 PM UTC+8, David Fanning wrote:

> anes.tziamtzis@gmail.com writes:
>
>> Some information for the find.pro script can be found here
>> <http://www.exelisvis.com/docs/find.html>
>
> Humm. Have you tried reading this to find the answer to your question?
>
> Cheers,
>
> David
>
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Well actually this where i found the script but it seems i don't understand how to save the file.

I am using the following:

```
;Read the image  
fits_read, '4U1543-624_1_sh.fits', image1, image_header1
```

Then use
find,image1
and then i have this
PRINT='image1.prt'

The find.pro script asks for the desired FWHM, background, etc. and it prints on the screen the values. No file is create though. What am i missing?

This what i see on the screen

```
% FIND: Input Image Size is 1002 by 999  
Enter approximate FWHM: 15  
% FIND: RELATIVE ERROR computed from FWHM 0.512254  
Enter minimum value above background for threshold detection: 140  
Enter low and high cutoffs, press [RETURN] for defaults:  
Image Sharpness Statistic (DEFAULT = 0.2,1.0):
```

Image Roundness Statistic [DEFAULT = -1.0,1.0]:

% FIND: Beginning convolution of image

% FIND: Finished convolution of image

% FIND: 65 local maxima located above threshold

STAR	X	Y	FLUX	SHARP	ROUND
0	262.9	8.2	779.1	0.32	-0.13
1	73.8	25.1	1835.1	0.27	-0.11
2	262.6	33.1	182.9	0.57	-0.17
3	584.1	62.4	1280.9	0.23	0.03
4	542.4	67.9	7420.4	0.27	0.08
5	381.6	110.4	257.1	0.78	-0.15
6	889.3	113.4	1836.9	0.22	-0.03
7	711.5	177.3	933.0	0.35	-0.01
8	669.2	216.0	1357.1	0.28	-0.09
9	340.6	243.2	510.0	0.24	-0.15
10	283.5	330.3	202.1	0.43	0.19
11	767.3	414.0	938.3	0.21	0.05
12	737.3	427.8	204.9	0.54	0.27
13	425.2	470.2	1809.6	0.26	-0.11
14	589.4	471.9	395.1	0.37	-0.04
15	36.8	563.7	149.0	0.53	0.39
16	242.0	635.8	196.4	0.57	-0.19
17	185.5	638.9	759.2	0.36	-0.19
18	514.0	645.2	1987.7	0.32	-0.13
19	485.1	668.9	157.6	0.39	0.10
20	661.5	682.1	226.8	0.27	-0.16
21	465.6	783.4	27608.6	0.31	-0.08
22	382.4	807.7	289.9	0.49	-0.12
23	55.6	900.1	186.0	0.25	0.34
24	403.9	898.8	194.7	0.51	0.00
25	361.2	962.9	6863.0	0.25	-0.06
26	405.1	986.5	1749.8	0.28	-0.06

No. of sources rejected by SHARPNESS criteria 32

No. of sources rejected by ROUNDNESS criteria 4

No. of sources rejected by CENTROID criteria 2

Threshold above background for this pass was 140.0

Enter new threshold or [RETURN] to exit:

% Compiled module: GETOPT.