Subject: Function compiles (maybe) but cannot be called
Posted by PMan on Mon, 11 Feb 2013 18:47:28 GMT

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Hello,

I have a single program that gives me a bit of a headache when I run it. It seems to compile (at least IDL says it does) but when it is called immediately afterwards, the call fails:

% Compiled module: IMGOPEN.
% Attempt to call undefined procedure/function: 'IMGOPEN'.

I have the function file name properly and it is in the path, but it appears not to actually compile. The workaround is simply to open the file and compile it manually - everything works then.

Any clues? Maybe it is a workbench setting and not really and IDL issue?

Thanks

Subject: Re: Function compiles (maybe) but cannot be called
Posted by   on Mon, 11 Feb 2013 18:53:39 GMT

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Den måndagen den 11:e februari 2013 kl. 19:47:28 UTC+1 skrev Paul Mallas:
> Hello,
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> Thanks

According to http://www.astro.washington.edu/docs/idl/cgi-bin/getpro/libr ary09.html?IMGOPEN,
imgopen is not a function, it is a subroutine that you are supposed to call like this:

; CALLING SEQUENCE:
;   imgopen, filename, nx, ny
; INPUTS:
;   filename = name of image file.   in
;   nx = number of pixels per image line. in
;   ny = number of image lines.   in

Subject: Re: Function compiles (maybe) but cannot be called
Posted by Brian Daniel on Mon, 11 Feb 2013 18:53:44 GMT
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Is the file name all lower case? http://www.idlcoyote.com/tips/namefiles.html

What version of IDL, OS?

On Monday, February 11, 2013 1:47:28 PM UTC-5, Paul Mallas wrote:
> Hello,
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Subject: Re: Function compiles (maybe) but cannot be called
Posted by PMan on Mon, 11 Feb 2013 19:02:47 GMT

On Monday, February 11, 2013 1:53:44 PM UTC-5, Brian J. Daniel wrote:
> Is the file name all lower case? http://www.idlcoyote.com/tips/namefiles.html
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>
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>> Thanks
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Yes, it is all lower case. But Mats nailed my problem above.

Subject: Re: Function compiles (maybe) but cannot be called
Posted by PMan on Mon, 11 Feb 2013 19:19:35 GMT

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On Monday, February 11, 2013 1:53:39 PM UTC-5, Mats Löfdahl wrote:
> Den måndagen den 11:e februari 2013 kl. 19:47:28 UTC+1 skrev Paul Mallas:
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> ; INPUTS:
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> ;   filename = name of image file.   in
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> ;   nx = number of pixels per image line. in
>
> ;   ny = number of image lines.   in

I have my own function with the same name - that is certainly my problem.

I did search my workspace (through the workbench) for that function name and nothing came up so I used that name. But a search of my workspace space through my OS, revealed that I had that library with the other imgopen on my system. I had removed it from my workbench but it was still in my path.