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Subject: Re: Broken CGFIXPS routine?

Posted by [wlandsman](#) on Tue, 05 Sep 2017 00:24:59 GMT

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A couple of things are unclear in your post.

1. You say you installed ImageMagick. Does it work (outside of IDL)? Can you convert (from the MacOS terminal prompt) a postscript file to PDF

```
convert idl.ps idl.pdf
```

2. IDL simply spawns a call to ImageMagick to convert the postscript file so there shouldn't be any special steps needed to "link" IDL. But you also mention a problem with the created postscript file, which would have nothing to do with ImageMagick. Are you able to run your program and successfully create a postscript plot? --Wayne

On Friday, September 1, 2017 at 8:46:42 PM UTC-4, Matteo wrote:

> I think this fixes that particular step, although I recently installed a new IDL on my laptop and now I encounter the issue with cglImageMagick not being found. I went through the various posts on this (see e.g: [http://www.idlcoyote.com/cg\\_tips/findimonmac.php](http://www.idlcoyote.com/cg_tips/findimonmac.php)) but it gets a bit involved...is there a clear sequence of steps to link IDL to the right place? I seem to understand the problem is with the "convert" executable. I tried to download the last version of ImageMagick and it got unpacked in the Applications/ directory but nothing changes. Note that I tried to use the older PS\_START and PS\_END commands, everything runs fine but the generated ps file is blank.

>

> Running IDL 8.6.1 on Mac/OS (Yosemite).

>

> I hope somebody can help...

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> On Friday, September 1, 2017 at 10:19:06 AM UTC-4, wlandsman wrote:

>> So I assume that cgfixps.pro is not found because it is not compiling

>>

>> IDL> .run cgfixps

>>

>> because of spurious characters introduced during a bad merge. This was fixed on the GitHub site (according to the link you give) but still seems to be broken on the main Coyote site

>> <http://www.idlcoyote.com/programs/cgfixps.pro>

>> So I would make sure you get your copy of cgfixps.pro from GitHub

```

>>
>> https://github.com/idl-coyote/coyote/blob/master/cgfixps.pro
>>
>> --Wayne
>>
>> On Thursday, August 31, 2017 at 7:21:40 PM UTC-4, Matteo wrote:
>>> Hi,
>>>
>>> I was trying to generate a plot in a way that was used to work, as in:
>>>
>>> CGPS_OPEN, filename='testplot.ps'
>>> CGPLOT, FINDGEN(10)
>>> CGPS_CLOSE, /pdf
>>>
>>> but know I obtained the error message: "CGPS_CLOSE -> Attempt to call undefined
>>> procedure: CGFIXPS". I obviously have CGFIXPS in the Coyote library, but the problem seem to
>>> be in the following lines (as it seems to have been noted here:
>>> https://github.com/idl-coyote/coyote/issues/11). Any idea on the best fix for this issue?
>>>
>>>
>>>
>>> <<<<<<< HEAD
>>>   Get_Lun, in_lun
>>>   OpenR, in_lun, in_filename
>>>   =====
>>>> >>>>>> 8ba3a7b34691137b0d0b3d3f508b434ded51fa12
>>>   IF (FStat(in_lun)).size EQ 0 THEN BEGIN
>>>     Free_lun, in_lun
>>>     Free_lun, out_lun
>>>     File_Delete, out_filename
>>>     ;Print, 'Zero Length File Encountered...'
>>>     RETURN
>>>   ENDIF
>>>
>>> <<<<<<< HEAD
>>>   ; Move along in the file until the end of the Prolog.
>>>   line = ""
>>>   count = 0
>>>   target = "void"
>>>   buffer = StrArr(100)
>>>
>>>   =====
>>>> >>>>>> 8ba3a7b34691137b0d0b3d3f508b434ded51fa12

```

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