
Subject: Re: Error with cg output and ImageMagick
Posted by [BLesht](#) on Sun, 29 Dec 2013 15:15:16 GMT
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Good morning, David. Thanks. No joy, I'm afraid (see below). I issued the same convert command directly from the shell (outside of IDL) and it works perfectly. I guess the next step is to chase down the source for ps.c and see what's going on there.

If you don't mind a (slightly) related question. In your example code "avi_movie.pro" what is the reason for going through the intermediate step of creating the postscript file? Is it to ensure that the output PNG is higher quality?

Thanks, Barry

```
bash-3.2$ idl
IDL Version 8.2.3, Mac OS X (darwin x86_64 m64). (c) 2013, Exelis Visual Information Solutions, Inc.
Installation number: 230343.
Licensed for use by: Computer Sciences Corporation
```

```
IDL> cgPS_Open, Filename='/Users/blesht/test1.ps'
% Compiled module: CGPS_OPEN.
% Compiled module: CGPS_SETUP__DEFINE.
% Compiled module: CGROOTNAME.
% Compiled module: CGWINDOW_GETDEFS.
% Compiled module: CGWINDOW_SETDEFS.
% Compiled module: CGHASIMAGEMAGICK.
% Compiled module: SETDEFAULTVALUE.
% Compiled module: CGDEFCHARSIZE.
% Compiled module: PSWINDOW.
% Compiled module: CGPS_CONFIG.
% Compiled module: FSC_PSCONFIG__DEFINE.
PostScript output will be created here: /Users/blesht/test1.ps
IDL> cgHistoplot, cgDemoData(7), /Fill
% Compiled module: CGDEMODATA.
% Compiled module: CGHISTOLOT.
% Compiled module: CONVERT_TO_TYPE.
% Compiled module: CGDEFAULTCOLOR.
% Compiled module: CGGETCOLORSTATE.
% Compiled module: CGSETCOLORSTATE.
% Compiled module: CGCOLOR.
% Compiled module: CGCOLOR24.
% Compiled module: CGCHECKFORSYMBOLS.
IDL> cgPS_Close, /PNG, GS_PATH='/opt/local/bin/', /ShowCmd
% Compiled module: CGPS_CLOSE.
% Compiled module: CGFIXPS.
% Compiled module: CGPS2RASTER.
ImageMagick CONVERT command: convert -alpha off -density 300 "/Users/blesht/test1.ps"
```

```
-resize 25% -flatten -rotate 90 "PNG24:/Users/blesht/test1.png"  
convert: bad parameters to zlib `/var/tmp/magick-25728Qdeiv36tFX2d1' @  
error/png.c/MagickPNGErrorHandler/1804.  
convert: corrupt image `/var/tmp/magick-25728Qdeiv36tFX2d1' @  
error/png.c/ReadPNGImage/4051.  
convert: Postscript delegate failed `/Users/blesht/test1.ps': No such file or directory @  
error/ps.c/ReadPSImage/837.  
convert: no images defined `PNG24:/Users/blesht/test1.png' @  
error/convert.c/ConvertImageCommand/3144.
```
