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Subject: Re: Problems saving/exporting FG

Posted by [Helder Marchetto](#) on Thu, 21 Jan 2016 22:26:38 GMT

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On Thursday, January 21, 2016 at 5:56:08 PM UTC, Helder wrote:

```
> Hi,
> I'm having problems saving my FG graphics. I get blanked out text in my saved plots. To test
this I ran this code:
>
> pro idlOutputProblem
> outDir='C:\myOutputDir\testSoftware\'
> curve = sin(!pi*4*findgen(361)/360.0)
> for i=0,9 do begin
>   hm_test1 = plot(curve, '3r+-', xtitle='x Axis', ytitle='y Axis', dimensions=[600,600], title='x-y
plot', window_title='Drift Plot: x vs y')
>   hm_test2 = plot(curve, '3r+-', xtitle='x Axis', ytitle='y Axis', dimensions=[600,600], title='x-y
plot')
>   hm_test3 = plot(curve, '3r+-', xtitle='x Axis', ytitle='y Axis', dimensions=[600,600])
>   hm_test4 = plot(curve, '3r+-', xtitle='x Axis', ytitle='y Axis')
>   hm_test5 = plot(curve)
>   hm_test1.save, outDir+'test1_'+string(i,format='(i02)')+'.png'
>   hm_test2.save, outDir+'test2_'+string(i,format='(i02)')+'.png'
>   hm_test3.save, outDir+'test3_'+string(i,format='(i02)')+'.png'
>   hm_test4.save, outDir+'test4_'+string(i,format='(i02)')+'.png'
>   hm_test5.save, outDir+'test5_'+string(i,format='(i02)')+'.png'
>   hm_test1.close
>   hm_test2.close
>   hm_test3.close
>   hm_test4.close
>   hm_test5.close
> endfor
> end
>
> The result I got shows a strange distribution. Here is an array with "1s" where the plot output is
bad and "0s" where the plot output is as expected:
> 0 1 1 0 1 1 1 0 1 1 0 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1
1 1 1 1 1 1 1
> 0 1 1 1 1 1 1 1 1 1 1 1 1
>
> I put things inside a post to show what I mean with good and bad output:
http://idl.marchetto.de/problems-exporting-fg-graphics/
>
> Any suggestions where the problem might come from?
> Notice that I have tried this with software and hardware rendering without any significant
change i the results.
> This also happens when I use image() or other FG functions.
>
> Cheers,
```

```
> Helder
>
> IDL> !version
> {
>   "ARCH": "x86_64",
>   "OS": "Win32",
>   "OS_FAMILY": "Windows",
>   "OS_NAME": "Microsoft Windows",
>   "RELEASE": "8.5",
>   "BUILD_DATE": "Jul 7 2015",
>   "MEMORY_BITS": 64,
>   "FILE_OFFSET_BITS": 64
> }
```

Hi,  
I just tested this on another machine and got no problem:  
IDL> !version

```
{
  "ARCH": "x86_64",
  "OS": "Win32",
  "OS_FAMILY": "Windows",
  "OS_NAME": "Microsoft Windows",
  "RELEASE": "8.5.1",
  "BUILD_DATE": "Nov 14 2015",
  "MEMORY_BITS": 64,
  "FILE_OFFSET_BITS": 64
}
```

Either this is a 8.5->8.5.1 issue or the different hardware gives different results (what \*I guess\* should not happen when using software rendering...).

Cheers,  
Helder

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