
Subject: Re: Problem writing SCATTERPLOT() with more than 4096 points to PDF file

Posted by [Helder Marchetto](#) on Thu, 11 Jun 2015 19:00:49 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Thursday, June 11, 2015 at 8:19:37 PM UTC+2, wlandsman wrote:

```
> I am having problems writing a SCATTERPLOT() to a PDF file.
>
> The following plot displays correctly in a window.
>
> x = randomn(seed,4096)
> y = randomn(seed,4096)
> p = scatterplot(x,y,/sym_filled,sym_color='blue',symbol='circle' )
>
> But when I then try to save to a PDF file, I get the error message:
>
> % SAVE: Error in PDF creation: INVALID_SHADING
>
> I have no problems when saving the plot in other data formats.
>
> There also is no problem if I plot less than 4096 points.
>
> Finally, the problem still exists if I first open a window with /BUFFER and write directly to a PDF
file.
>
> Thanks, --Wayne
>
>
> w = window(dimen=[800,1100],/buffer)
> x = randomn(seed,4096)
> y = randomn(seed,4096)
>
> p = scatterplot(x,y,/current,/sym_filled,sym_color='blue',symbol='circle')
> w.save,'test.pdf'
>
> IDL> print,!version
> { x86_64 darwin unix Mac OS X 8.4 Sep 27 2014    64    64}
```

Just to add some statistics: I get the same results.

```
IDL> !version
```

```
{
  "ARCH": "x86_64",
  "OS": "Win32",
  "OS_FAMILY": "Windows",
  "OS_NAME": "Microsoft Windows",
  "RELEASE": "8.4.1",
  "BUILD_DATE": "Feb 17 2015",
  "MEMORY_BITS": 64,
```

```
"FILE_OFFSET_BITS": 64  
}
```

Cheers,
Helder
