
Subject: Trouble using Coyote Graphics library to write PostScript file - keywords from cgps_config aren't accepted by cgps_open

Posted by [Jasdeep Anand](#) on Thu, 27 Feb 2014 18:19:39 GMT

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I'm trying to create a PostScript file with the intention of converting it into a 1000x800 pixel .png image (I'm doing this because I'm having difficulty with using WRITE_PNG to output plots with labels in Times New Roman without the words looking pixelated).

To do this I've tried defining a window in IDL and then using cgps_config to record the necessary window information before passing it to cgps_open, as described on David Fanning's page: http://www.idlcoyote.com/ps_tips/ps_aspect.php, like so:

```
WINDOW, XSize=1000, YSize=800
dat_window = cgps_config()
cgPS_Open, FILENAME='Test_ps.ps', TT_FONT = 'Times', CHARSIZE = 2.0, _REF_EXTRA =
dat_window
```

However, the program fails at the last line, outputting an error message: "Keyword FONT_SIZE not allowed in call to: CGPS_CONFIG". Is there any way to not have this variable outputted by cgps_config? Alternatively, is there any other way of creating a PostScript file that will convert to a 1000x800 pixel PNG file? I'd be grateful for any advice anyone could give me.

Subject: Re: Trouble using Coyote Graphics library to write PostScript file - keywords from cgps_config aren't accepted by cgps_open

Posted by [David Fanning](#) on Thu, 27 Feb 2014 18:42:20 GMT

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jasdeepsinghanand@googlemail.com writes:

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```
fontSize = !P.Charsize
!P.Charsize=2.0
cgPS_Open, 'test.png', TT_FONT='Times'
cgDisplay, 1000, 800
... graphics commands go here.
cgClose, WIDTH=1000
!P.Charsize=fontSize
```

You may well have to have the latest version of the Coyote Library.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Trouble using Coyote Graphics library to write PostScript file -
keywords from cgps_config aren't accepted by cgps_open
Posted by [David Fanning](#) on Thu, 27 Feb 2014 18:47:26 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning writes:

> cgClose, WIDTH=1000

Whoops,

cgPS_Close, WIDTH=100

Of course. :-)

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Trouble using Coyote Graphics library to write PostScript file -
keywords from cgps_config aren't accepted by cgps_open

Posted by [Jasdeep Anand](#) on Thu, 27 Feb 2014 23:45:40 GMT

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David,

This worked fine once I downloaded the latest version of the CG library. Thanks!

On Thursday, 27 February 2014 18:47:26 UTC, David Fanning wrote:

> David Fanning writes:

>

>

>

>> cgClose, WIDTH=1000

>

>

>

> Whoops,

>

>

>

> cgPS_Close, WIDTH=100

>

>

>

> Of course. :-)

>

>

>

> David

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>

> --

>

> David Fanning, Ph.D.

>

> Fanning Software Consulting, Inc.

>

> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

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> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
