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 View Forum Message <> Reply to Message

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 cpgs\_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 View Forum Message <> Reply to Message

iasdeepsinghanand@googlemail.com writes:

> 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 cpgs\_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.

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 lastest 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

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
>
>
>
>
  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.")
```