
Subject: cgdisplay

Posted by [Sverre Solberg](#) on Thu, 16 Apr 2015 12:45:54 GMT

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

Hi,

I started using David's cgdisplay a year or two ago. Now, when trying to run the same program it crashes and I get an error message:

Traceback Report from CGDISPLAY:

```
% Expression must be a structure in this context: PS_STRUCT (_$FSC_PS_START_).
% Execution halted at:  CGDISPLAY      288 cgdisplay.pro
%                          $MAIN$
```

I guess I have downloaded a new version of the coyote lib since then and I see from the header that the last bug fix concerned the use of encaps postscript with a portrait aspect ratio and that's exactly my situation. However, it seems as I'm now not able to use the cgdisplay with a ps device at all. These two commands

```
set_plot,'ps'
cgdisplay,xsize=2000,ysize=1000
```

give exactly the samme error message. Am I doing something wrong or is it a bug? The crash occurs here (and it's the 'else'-part that's true). It seems ps_struct is not defined as a struc(?)

```
        IF N_Elements(ps_struct) NE 0 THEN BEGIN
            keywords = cgPSWindow(AspectRatio=Float(pysize)/pxsize,
Landscape=ps_struct.landscape)
        ENDIF ELSE BEGIN
            keywords = cgPSWindow(AspectRatio=Float(pysize)/pxsize)
            ps_struct.landscape = keywords.landscape
        ENDELSE
```

Sverre

Subject: Re: cgdisplay

Posted by [David Fanning](#) on Thu, 16 Apr 2015 13:01:43 GMT

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

Sverre Solberg writes:

> I started using David's cgdisplay a year or two ago. Now, when trying to run the same program it crashes and I get an error message:

> Traceback Report from CGDISPLAY:

```
>
> % Expression must be a structure in this context: PS_STRUCT (_$FSC_PS_START_).
> % Execution halted at:  CGDISPLAY      288 cgdisplay.pro
> %                          $MAIN$
>
```

> I guess I have downloaded a new version of the coyote lib since then and I see from the header that the last bug fix concerned the use of encaps postscript with a portrait aspect ratio and that's exactly my situation. However, it seems as I'm now not able to use the cgdisplay with a ps device at all. These two commands

```
> set_plot,'ps'
> cgdisplay,xsize=2000,ysize=1000
>
> give exactly the samme error message. Am I doing something wrong or is it a bug? The crash
occurs here (and it's the 'else'-part that's true). It seems ps_struct is not defined as a struc(?)
>         IF N_Elements(ps_struct) NE 0 THEN BEGIN
>             keywords = cgPSWindow(AspectRatio=Float(pysize)/pxsize,
Landscape=ps_struct.landscape)
>         ENDIF ELSE BEGIN
>             keywords = cgPSWindow(AspectRatio=Float(pysize)/pxsize)
>             ps_struct.landscape = keywords.landscape
>         ENDELSE
```

I think it is a bug. The line just before the ENDELSE should be removed.
I'll do so now, but I don't have time this morning to check it in. I'll
do it when I get back from work.

Thanks for catching this.

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: cgdisplay

Posted by [David Fanning](#) on Thu, 16 Apr 2015 13:03:36 GMT

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

David Fanning writes:

```
> I think it is a bug. The line just before the ENDELSE should be removed.
> I'll do so now, but I don't have time this morning to check it in. I'll
> do it when I get back from work.
```

Note that using cgPS_Open to configure your PostScript device is a
workaround, too. Probably why I haven't discovered this myself. :-)

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: cgdisplay

Posted by [Sverre Solberg](#) on Thu, 16 Apr 2015 13:27:24 GMT

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

Many thanks! Removing the line solved the problem.

Sverre
