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Subject: cgsymbols change when saving from cgwindow to pdf

Posted by [A J](#) on Tue, 21 Jul 2015 03:20:46 GMT

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Hello all,

When I open a plot using cgwindow and display text using cgsymbol on that plot, and then save to a pdf using the cgwindow drop down menu, some of the symbols change.

For example, `cgsymbol('sigma')` gives the correct sigma symbol on the pop-up cgwindow, but converts to an 'r' in the saved pdf. `cgsymbol('sigma', /ps)` gives the wrong symbol in the pop-up window, but the correct symbol in the pdf. I need the symbol to be correct on both as I am using both and cannot have a difference in readability.

Any solutions?(Using a mac, if it matters).

Small illustrative example:

```
cgwindow, 'cgplot', indgen(100), /xstyle
cgwindow, 'cgtext', 20, 70, cgSymbol('sigma'), /data, /addcmd
```

-->save to pdf, sigma becomes an 'r'.

```
cgwindow, 'cgplot', indgen(100), /xstyle
cgwindow, 'cgtext', 20, 70, cgSymbol('sigma', /ps), /data, /addcmd
```

--> displays a lower-case sigma in 'word-final position' instead of the standard lower-case sigma on the cgwindow, and in the pdf it is displayed as the intended sigma symbol.

Thanks,

AJ

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Subject: Re: cgsymbols change when saving from cgwindow to pdf

Posted by [David Fanning](#) on Sun, 26 Jul 2015 19:54:14 GMT

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ajjillig@gmail.com writes:

>

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>

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```

This is a limitation of the way Coyote Graphics has to work to "recreate" the command when things are redrawn. You can't actually call a function from within the command you are trying to "recreate", since there is no actual command stack.

To get what you want, you can write a routine like this:

```
pro main
  cgplot, indgen(100), /xstyle
  cgtext, 20, 70, cgSymbol('sigma'), /data
end
```

And call it like this:

```
IDL> cgWindow, 'main'
```

Cheers,

David

```
IDL> .r
```

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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.")

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