
Subject: xmargin and ymargin keywords ignored in cgplot

Posted by [Xin Tao](#) on Tue, 03 Dec 2013 08:29:41 GMT

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Hi all,

I just noticed that cgplot in David's coyote library doesn't seem to take xmargin and ymargin keywords. These keywords are not listed in the doc of cgplot, so I guess they are passed via "`_REF_EXTRA=extra`". Could someone please tell me how to make these two keywords effective? Thanks a lot.

Sample code:

```
cgplot, [0], xmargin = [10, 20]
```

produces a figure looks exactly the same as

```
cgplot, [0], xmargin = [10, 2]
```

but vastly different from

```
plot, [0], xmargin = [10, 2]
```

Best,

Xin Tao

Subject: Re: xmargin and ymargin keywords ignored in cgplot

Posted by [David Fanning](#) on Tue, 03 Dec 2013 13:12:05 GMT

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Xin Tao writes:

> I just noticed that cgplot in David's coyote library doesn't seem to take xmargin and ymargin keywords. These keywords are not listed in the doc of cgplot, so I guess they are passed via "`_REF_EXTRA=extra`". Could someone please tell me how to make these two keywords effective?

I guess you can file this under the personal quirk category, but I don't believe in margins. I believe in positioning things with the POSITION keyword. The reason for this is that I know where things are going to go when I use the Position keyword, since normalized units mean the same thing everywhere. Margins are specified using **character** units and I find them confounding and impossible to work with. You can't match up different kinds of plots using them. You don't know where things are in

the window, etc. I find them a nightmare. It's the same reason you will never find me using a TVSCL command. :-)

If you want to use them, you will have to find the section of code that defines the default plot position and get rid of it. But, if you do, I can practically guarantee you will run into other problems with Coyote Graphics routines.

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: xmargin and ymargin keywords ignored in cgplot

Posted by [Xin Tao](#) on Wed, 04 Dec 2013 01:04:06 GMT

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Thanks David. I'll think about using POSITION instead of margins with cgplot. Don't want to break other routines of mine using CG. :-)

Best,

Xin Tao

On Tuesday, December 3, 2013 9:12:05 PM UTC+8, David Fanning wrote:

> Xin Tao writes:

>

>

>

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> Cheers,
>
>
>
> David
>
> --
>
> David Fanning, Ph.D.
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