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Subject: Re: Make the plots invisible

Posted by [David Fanning](#) on Wed, 14 Nov 2012 17:19:28 GMT

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David Fanning writes:

```
>> I should probably spend some time updating this page on contour
>> plots for IDL 8.2.1. I'd be curious to see how much things have improved
>> in both functionality and speed:
>>
>> http://www.idlcoyote.com/cg_tips/compcont.php
>
> Ok, I give up! I spent a couple of hours trying to
> get this plot to work in IDL 8.2.1, and there is
> no way I can get the damn colorbar to work! I have
> NO idea what I am doing wrong. I am using code
> straight out of the documentation and I don't
> EVER see a taper on my color bar.
>
> Can anyone help? Just replicate the contour
> plot shown in that article in IDL 8.2.1.
```

Seriously? No help whatsoever!?

OK, then I think three conclusions are possible.

1. Despite claims to the contrary, no one outside of Exelis uses function graphics.
2. If people do use function graphics, they can't figure out how to do this simple contour plot example with them.
3. The example is so trivial that no one wants to embarrass me further by pointing out my obvious inability to understand the very simplest things.

If conclusion 3 is the true conclusion, then I urge you to come forward anyway. I'm going to blame everything on Coyote, of course, so no permanent damage can be done. ;-)

Here is what I have so far:

Code: [http://www.idlcoyote.com/misc/compare\\_contour\\_plots.pro](http://www.idlcoyote.com/misc/compare_contour_plots.pro)

Pic: [http://www.idlcoyote.com/misc/idl\\_8.2.1\\_contour.png](http://www.idlcoyote.com/misc/idl_8.2.1_contour.png)

Issues to resolve:

1. Contour plot doesn't honor POSITION keyword.
2. Contour plot doesn't use correct colors.
3. Only half of box axes in place.
4. Color bar has correct colors, but no taper.
5. Color bar not labeled correctly.

Cheers,

David

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

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

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