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Subject: Re: starting point of dashed lines  
Posted by [pgrigis](#) on Mon, 23 Mar 2009 14:22:19 GMT  
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Hi Jeremy,

yes, this is one of the things I dislike about plot,  
that such details as the phase of dashes is totally  
out of control.

In fact, at some point I wrote a little procedure to  
overplot with dashes of specified length and phase...  
I should still have it I believe, and I can dig it up for  
you if that would be useful...

Ciao,  
Paolo

Jeremy Bailin wrote:

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> On Mar 22, 12:28 pm, Jeremy Bailin <astroco...@gmail.com> wrote:
>> Any sort of dashed and/or dotted linestyle (i.e. anything other than
>> linestyle=0) has some natural "starting point" or phase. Is there a
>> way to manually reset it?
>>
>> My specific problem is that I'm generating some plots in .png files
>> that are going to be stuck together as an animation, including a
>> dashed line that should be identical in each plot. However, it isn't -
>> at least, not when plotted to the Z buffer! Here is some code that
>> demonstrates this:
>>
>> set_plot, 'z'
>> plot, [0,1], [-0.5,0.5]
>> erase
>> oplot, [0,1], [0,0], lines=2
>> write_png, 'test1.png', tvrd()
>> erase
>> oplot, [0,1], [0,0], lines=2
>> write_png, 'test2.png', tvrd()
>>
>> If you compare the two .png files, you'll see that the dashing is
>> shifted slightly. However, if I do this with set_plot,'x' instead, it
>> works fine!
>>
>> -Jeremy.
>
> Incidentally, the easiest way to see this is to omit the second
> "erase" command in my example - then the actual size of the dashes
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> appears to get bigger as out-of-phase dashes get overplotted on top of  
> each other.  
>  
> Anyone?  
>  
> -Jeremy.

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