
Subject: Re: Horizontal dotted lines using PLOTS

Posted by [Declan Vogt](#) on Wed, 19 Jul 2000 07:00:00 GMT

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I'm using IDL Version 5.1 on Windows NT 4, and see the same problem as Oliver, when running his code. For what it's worth, I'm running 1024x768 in 8 bit colour, I don't know if that has a bearing on the problem.

Declan

Pavel Romashkin wrote:

```
>
> I have used the exact commands you provided, and I see perfect dashed
> lines on white background. No funny L-shaped dots.
> IDL Version 5.3 (MacOS PowerMac)
> Cheers,
> Pavel
>
> Oliver Smith wrote:
>>
>> Okay maybe I'm being too much of a perfectionist but this is really
>> annoying.
>>
>> I use dotted lines to box an area of interest, line width is two pixels. A
>> solid white line is first plotted then a dotted black line plotted on top of
>> the first. A vertical line drawn this way looks great, but a horizontal line
>> is not so good; the dots that make up the black line are not square, but 'L'
>> shaped.
>>
>> [ snip - snip ]
>>
>> IDL Version 5.3.1 (Win32 x86). (c) 2000, Research Systems, Inc.
>>
>> IDL> plot, findgen(100)
>> IDL> plots, [20,20], [10,80], linestyle = 0, color = 255, thick = 2, /data
>> IDL> plots, [20,20], [10,80], linestyle = 1, color = 0, thick = 2, /data
>> IDL> plots, [20,80], [10,10], linestyle = 0, color = 255, thick = 2, /data
>> IDL> plots, [20,80], [10,10], linestyle = 1, color = 0, thick = 2, /data
>>
>> The horizontal line ends up looking very poorly defined if it is drawn on
>> top of a relatively light coloured background.
>>
>> So can anyone reproduce this, and can anyone come up with a work-around
>> without changing the thickness of the lines?
>>
>> Thanks,
>>
```

>> Oliver Smith
