
Subject: Re: Adding straight lines to a plot
Posted by [David Fanning](#) on Fri, 12 Nov 2010 14:59:24 GMT
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Paul van Delst writes:

```
>
> David Fanning wrote:
>> fgg writes:
>>
>>> Is there a function in IDL to add a straight line through an existing
>>> plot? Something like the 'abline' function in R, where all you need is
>>> to specify the y-value for a horizontal line (or the x-value for a
>>> vertical line).
>>
>> Here you go.
>>
>> PRO ABLine, value, $
>>   VERTICAL=vertical, $
>>   LINESTYLE=linestyle, $
>>   THICK=thick, $
>>   COLOR=color
>>
>>   IF N_Elements(color) EQ 0 THEN color = 'white'
>>
>>   IF Keyword_Set(VERTICAL) THEN BEGIN
>>     PLOTS, [value, value], [!Y.CRange[0], !Y.CRange[1]], $
>
> why not simply
>     PLOTS, [value, value], !Y.CRange, $
>
>>     LINESTYLE=linestyle, THICK=thick, $
>>     COLOR=FSC_Color(String(color))
>>   ENDIF ELSE BEGIN
>>     PLOTS, [!X.CRange[0], !X.CRange[1]], [value, value], $
>
> and similarly
>     PLOTS, !X.CRange, [value, value], $
>
> ?
```

Pedantry. :-)

Cheers,

David

--

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

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