
Subject: how to overplot a vertical line in the existing plot made using plot function?

Posted by [ann\[1\]](#) on Tue, 10 Jan 2017 13:42:43 GMT

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Hi,

I used plot function to create a plot. Now I want to over-plot a vertical line onto that. Can anyone tell me, how to do it?

Following is the command I used:

```
pp = plot(time_sec,nic_pil,xtitle='Time [sec]',ytitle='!!Dc!N/!!Dc,QS!N',dimensions=[900,800], $
         yrange= [min(nic_pil)-0.01,max(nic_pil)+0.01],axis_style=1, $
         MARGIN = [0.08, 0.25, 0.15, 0.15],xrange=[0.0,max(time_sec)+6])
```

I want to plot the line at a particular value of time_sec.

Looking forward to your suggestions:-)

Many thanks,
Anjali

Subject: Re: how to overplot a vertical line in the existing plot made using plot function?

Posted by [Helder Marchetto](#) on Tue, 10 Jan 2017 14:03:42 GMT

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On Tuesday, January 10, 2017 at 2:42:45 PM UTC+1, Anjali wrote:

> Hi,

>

> I used plot function to create a plot. Now I want to over-plot a vertical line onto that. Can anyone tell me, how to do it?

>

> Following is the command I used:

```
> pp = plot(time_sec,nic_pil,xtitle='Time [sec]',ytitle='!!Dc!N/!!Dc,QS!N',dimensions=[900,800], $
>         yrange= [min(nic_pil)-0.01,max(nic_pil)+0.01],axis_style=1, $
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```

>

> I want to plot the line at a particular value of time_sec.

>

> Looking forward to your suggestions:-)

>

> Many thanks,
> Anjali

hi,
try:

```
pl = polyline([particular_time_sec,particular_time_sec],pp.yrange ,/data,target=pp)
```

obviously you have to define where you want the line:
particular_time_sec = ???

Cheers,
Helder

Subject: Re: how to overplot a vertical line in the existing plot made using plot function?

Posted by [ann\[1\]](#) on Tue, 10 Jan 2017 14:10:25 GMT

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On Tuesday, 10 January 2017 15:03:47 UTC+1, Helder wrote:

> On Tuesday, January 10, 2017 at 2:42:45 PM UTC+1, Anjali wrote:

>> Hi,

>>

>> I used plot function to create a plot. Now I want to over-plot a vertical line onto that. Can anyone tell me, how to do it?

>>

>> Following is the command I used:

>> pp = plot(time_sec,nic_pil,xtitle='Time [sec]',ytitle='!!Dc!N!!Dc,QS!N',dimensions=[900,800], \$

>> yrange= [min(nic_pil)-0.01,max(nic_pil)+0.01],axis_style=1, \$

>> MARGIN = [0.08, 0.25, 0.15, 0.15],xrange=[0.0,max(time_sec)+6])

>>

>> I want to plot the line at a particular value of time_sec.

>>

>> Looking forward to your suggestions:-)

>>

>> Many thanks,

>> Anjali

>

> hi,

> try:

>

> pl = polyline([particular_time_sec,particular_time_sec],pp.yrange ,/data,target=pp)

>

> obviously you have to define where you want the line:

> particular_time_sec = ???

>

> Cheers,

> Helder

Hi Helder,

It worked.

Thank you very much :-)

Cheers,
Anjali
