
Subject: Re: Labeling Lines of Data

Posted by [Jeremy Bailin](#) on Thu, 28 Apr 2016 17:32:11 GMT

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On Tuesday, April 26, 2016 at 1:48:23 PM UTC-5, Ali Gamal wrote:

> On Tuesday, April 26, 2016 at 3:27:31 PM UTC+2, Ali Gamal wrote:

>> Hi,

>>

>> I have IDL program as

>> *****

>> file='/home/1.out'

>> openr,1,file

>> nh=50

>> falc=fltarr(11,nh)

>> readf,1,falc

>> tau5000=falc(0,*)

>> dep1=falc(1,*)

>> dep2=falc(2,*)

>> dep3=falc(3,*)

>> dep4=falc(4,*)

>> dep5=falc(5,*)

>> dep6=falc(6,*)

>> dep7=falc(7,*)

>> dep8=falc(8,*)

>> dep9=falc(9,*)

>> dep10=falc(10,*)

>>

>> cgPLOT, tau5000, dep1,xrange=[-4.9,0.85],yrange=[-1.5,0.8],Thick=2,xstyle=2

>>

>> plots,1,1,/continue

>> OPLOT,tau5000,dep2,linestyle=0 ;2

>> OPLOT,tau5000,dep3,linestyle=0 ;3

>> OPLOT,tau5000,dep4,linestyle=0 ;4

>> OPLOT,tau5000,dep5,linestyle=0 ;5

>> OPLOT,tau5000,dep6,linestyle=0 ;6

>> OPLOT,tau5000,dep7,linestyle=0 ;7

>> OPLOT,tau5000,dep8,linestyle=0 ;8

>> OPLOT,tau5000,dep9,linestyle=0 ;9

>> OPLOT,tau5000,dep10,linestyle=0 ;10

>> *****

>> I want to label dep1, 2, 3 and so on as 'dep1', 'dep2'

>>

>> How can I do it

>

> Thanks a lot, I want to make my program determine X, Y at end of each plot, How can I do It ?

> I tried to make y=dep1 ot 2 but it did not work correctly

If you just mean the last value, then you can use

```
y = dep1[N_ELEMENTS(dep1)-1]
```

-Jeremy.
