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Subject: Re: How to plot many lines simultaneously  
Posted by [Jeff Guerber](#) on Wed, 06 Nov 2002 05:47:01 GMT  
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On Tue, 5 Nov 2002, David Fanning wrote:

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> lily_zhang (fengliza@sina.com) writes:
>
>> Now I have two matrices, X and Y. Supposing X = FltArr(100), Y =
>> FltArr(8,100),
>> I just wonder how to plot all the columns of Y as the functions of X
>> in an image simultaneouly.
>
> I'd try something like this.
>
> Plot, x, y[0,*], YRange=[Min(y),Max(y)]
> FOR j=1,7 DO OPlot, x, y[j,*]
```

Lily, since no one else has mentioned this I'd just like to add that, although it doesn't make a noticeable difference in this small example, if you're doing this A LOT or the arrays are much bigger, it's much more efficient if  $Y = \text{FltArr}(100,8)$  (and you make the corresponding changes to David's programlet). Remember that in IDL, as in Fortran, the left index varies the fastest.

Jeff Guerber

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