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Subject: Re: plots?

Posted by [Robert Stockwell](#) on Tue, 20 Aug 2002 13:12:06 GMT

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helen wrote:

> Hello, All,  
>  
> I have a problem about using plots. I want to use two plots for two  
> different data sets at the same time. If I just use one plots for one  
> data set, there is no problem. But when I use two, it doesn't work. It  
> seems the two plots interrupt each other. I want to know why?  
>

> Thanks very much for any kind of help!

>

> I attach my simple program below:

>  
> \*\*\*\*\*  
> pro testPlots  
> arrayT = fltarr(11)  
> arrayX = fltarr(11)  
> arrayY = fltarr(11)  
> window, 1  
> x1 = !X & y1 = !Y & p1 = !P  
> window,2  
> x2 = !X & y2 = !Y & p2 = !P  
> for i=0, 10 Do begin  
> arrayY[i] = cos(i+1)  
> arrayX[i] = sin(i+1)  
> arrayT[i] = i  
> wset, 1  
> !X = x1 & !Y = x1 & !P = p1  
> plots,arrayT[i], arrayX[i], /continue  
> wset, 2  
> !X = x2 & !Y = y2 & !P = p2  
> plots,arrayT[i], arrayY[i], /continue  
>  
> endfor  
>  
> end  
>  
> \*\*\*\*\*

How about:

```
arrayT = fltarr(11)
arrayX = fltarr(11)
arrayY = fltarr(11)
```

```
window, 1  
plot,[0,10],[-10,10], /NoData,title='plot 1'  
x1 = !X & y1 = !Y & p1 = !P
```

```
window,0  
plot,[0,10],[-5,5], /NoData,title='plot 2'  
x2 = !X & y2 = !Y & p2 = !P
```

```
for I=1, 10 Do begin  
    arrayY[I] = cos(I+1)  
    arrayX[I] = sin(I+1)  
    arrayT[I] = I  
endfor  
for I=0, 10-1 Do begin  
    wset, 1  
    plots,arrayT[I], arrayX[I]  
    plots,arrayT[I+1], arrayX[I+1], /continue  
  
    wset, 0  
    plots,arrayT[I], arrayY[I]  
    plots,arrayT[I+1], arrayY[I+1], /continue  
  
endfor  
end
```

Cheers,  
bob

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