
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 = y1 & !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
