
Subject: Re: plots?

Posted by [David Fanning](#) on Tue, 20 Aug 2002 14:37:43 GMT

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helen (bin_zheng_99@yahoo.com) writes:

> Thanks David for your help. But I still have not solved my problem. My
> problem is whether I can plot two different data in two windows at the
> same time? Because I want to track a target's movement and display its
> x (arrayX) and y (arrayY) position against the time (arrayT) at the
> real time. So that I can see the moving from the plots in these two
> windows. So, I write a simple program to test if I can plot two
> different data (arrayX against arrayT, arrayY against arrayT) at the
> same time and still get correct result? Is there a way to do this?

I think I would drop the CONTINUE keyword and just draw
from the last point to this point:

```
pro testPlots
arrayT = fltarr(11)
arrayX = fltarr(11)
arrayY = fltarr(11)
window, 1
plot,[0,10],[-10,10], /NoData
x1 = !X & y1 = !Y & p1 = !P
window,2
plot,[0,10],[-10,10], /NoData
x2 = !X & y2 = !Y & p2 = !P
for l=1, 10 Do begin
    arrayY[l] = cos(l+1)
    arrayX[l] = sin(l+1)
    arrayT[l] = l
    wset, 1
    !X = x1 & !Y = y1 & !P = p1
    plots,[arrayT[i-1], arrayT[l]], $
        [arrayX[i-1], arrayX[l]]
    wset, 2
    !X = x2 & !Y = y2 & !P = p2
    print, [arrayY[i-1], arrayY[l]]
    plots,[arrayT[i-1], arrayT[l]], $
        [arrayY[i-1], arrayY[l]]
endfor
end
```

This works perfectly, as far as I can tell.

Cheers,

David

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