
Subject: Re: oplot

Posted by [Michael Galloy](#) on Mon, 25 Jan 2010 17:24:19 GMT

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On 1/25/10 7:16 AM, bing999 wrote:

```
> Hi,
>
> here is what i am trying to do:
>
>
> "for i = 0,10 do begin
>
> if i eq 0 then begin
>   plot,x1,y1,.....
>   plot,w1,z1,.....
>   .....
> endif else begin
>   oplot,x2,y2
>   oplot,w2,z2
>   .....
> endelse
>
> endfor"
>
> but i want the "oplot,x2,y2" to overplot the "plot,x1,y1,....." ,
> the "oplot,w2,z2" to overplot " plot,w1,z1,....." and so on; that
> is to say, i want that each "oplot" command applies to the
> corresponding "plot" procedure.
> Whereas when i do the script written above, it overplots everything on
> the last plot.
> Is there any way to allocate a name/number to each "plot" procedure in
> order to overplot the corresponding thing on it? like:
>
>
> "for i = 0,10 do begin
>
> if i eq 0 then begin
>   plot,x1,y1,NAME=1
>   plot,w1,z1,NAME=2
>   .....
> endif else begin
>   oplot,x2,y2,NAME=1
>   oplot,w2,z2,NAME=2
>   .....
> endelse
>
> endfor"
>
```

>
> Thank you!

I think you want something like:

```
if (i eq 0) then begin
  window, /free
  win1 = !d.window
  plot, x1, y1
```

```
  window, /free
  win2 = !d.window
  plot, w1, z1
```

```
  ...
endif else begin
  wset, win1
  oplot, x2, y2
```

```
  wset, win2
  plot, w2, z2
```

```
  ...
endelse
```

Mike

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