

---

Subject: question on exactly when !p.position is defined  
Posted by [astroboy.20000](#) on Mon, 15 Jul 2013 21:17:27 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hello,

Apologies in advance if this topic has been addressed before but I haven't been able to find it.

I'm just not clear on when !p.position is defined, despite doing of reading and experimentation.

I've written a routine that collects the !p,!xyz and !m and !d.window variables into a structure so that I can go back to an earlier (multi) plot and overplot, using the original !xyz axis values. It works fine, except for the !p.position variable.

It seems to be that one should be able to do something like this:

```
!p.multi=[0,2,2]
plot,findgen(10)

print,!p.position
```

and have !p.position give the plot-data window of the plot just made.... However, the values are [0,0,0,0] instead of something like [.05,.05,.9,.9].

Of course, I've used the position and !p.position variables to locate a plot on a page, so at least I understand how things work in that application.

However, I guess I'm just not clear on how to obtain the position coordinates of a plot just made....

Thanks in advance. This might sound like a trivial problem but if I could solve it, it would be a big help.

---