
Subject: Re: How do I place an image when I am using !P.Multi?

Posted by [Matthew Argall](#) on Tue, 24 Jun 2014 18:47:31 GMT

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One point is that if you do not use the NOERASE keyword, each new plot will create a new postscript page.

Here is an example that works...

```
noerase = bytarr(100) + 1B
noerase[0] = 0B
positions = cgLayout([3,3])
for i = 0, 8 do cgPlot, cgDemoData(1), TITLE='Title', XTITLE='X Title', YTITLE='Y Title', $
    NOERASE=noerase[i], POSITION=positions[*,i]
```

However, I noticed that if you increase the number of columns and rows (e.g. to [4,4] with the default window size), then the margin and gap sizes create a funky position that turns things up-side-down, inside-out, and round-and-round.

```
positions = cgLayout([4,4])
for i = 0, 15 do cgPlot, cgDemoData(1), TITLE='Title', XTITLE='X Title', YTITLE='Y Title', $
    NOERASE=noerase[i], POSITION=positions[*,i]
print, positions[*,0]
    0.208333    0.801414    0.166667    0.725793
```

So, you will have to pick a layout that is reasonable for your window size.
