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Subject: Re: How do I place an image when I am using !P.Multi?  
Posted by [David Fanning](#) on Tue, 24 Jun 2014 02:44:24 GMT  
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Matthew Argall writes:

```
> I am not David, but you can use cgLayout to do this easily.  
>  
> positions = cgLayout([10,10])  
> pos99 = positions[:,98]  
> pos100 = positions[:,99]  
> merged_pos = [pos99[0], pos99[1], pos100[2], pos100[3]]
```

Yes, as Matthew suggests, cgLayout is a more powerful alternative to the !P.MULTI system variable as it gives more options for positioning the plots.

But, skipping plots with !P.MULTI is extremely easy, too. Just manipulate (set) the first element of the !P.MULTI vector. It tells you how many plots to plot on a page:

```
IDL> !P.Multi = [0,4,1]; four plots in a row  
IDL> cgPlot, cgDemoData(1) ; first plot  
IDL> Print, !P.Multi[0]  
3  
IDL> cgPlot, cgDemoData(1) ; second plot  
IDL> !P.Multi[0] = 1 ; skip third plot  
IDL> cgPlot, cgDemoData(1) ; fourth plot  
IDL> !P.Multi=0
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thue. ("Perhaps thos speakest truth.")

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