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Subject: Re: How to clear an object plot

Posted by [David Fanning](#) on Tue, 05 Oct 2010 17:39:12 GMT

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Jean writes:

>  
> Hi again,  
>  
> #1 I'm calling the new IDL 8.0 plot feature object plot has an  
> official name has been found for this guy ? :-)

New Graphics (NG), I think. :-)

> #2 I'm creating a very simple plot  
>> `_p = plot(indgen(10))`  
> but now I want to very quickly display another using the same `_p`  
> window. Closing this one and creating a new one won't work because I  
> need to do this at a very high rate.  
>  
> To get the full story, I have an application that shows a 2d image  
> (using `tvscf`). When the user moves his mouse over this image, the `z` vs  
> `x` and `z` vs `y` are plotted in 2 different plot objects.  
>  
> I tried to use `_p.select` and `_p = plot(<new plot>)` but this plots the  
> new data on top of the old one.  
>  
> Am I missing something here ?

I think you missed the undocumented method `PutData`. ;-)

```
_p.PutData, newdata
```

Cheers,

David

P.S. I've been meaning to write an article about this, but I've gotten caught up in another project. Maybe soon now.

--

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

Seppure ma de ni thui. ("Perhaps thou speakest truth.")

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