
Subject: Re: How to clear an object plot

Posted by [penteado](#) on Tue, 05 Oct 2010 17:36:23 GMT

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On Oct 5, 2:06 pm, Jean <jeanbilh...@gmail.com> wrote:

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

The official name is Graphics. But people often call them New Graphics (NG), to distinguish from Direct Graphics (DG) and Object Graphics (OG - in the sense of handling OG directly, since NG is made from OG objects).

> #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.

I think what you want is to replace the data in the plot. If so, you could use the `putdata` method. An example:

```
IDL> p=plot(/test) ;Make some plot with the example data
% Loaded DLM: XML.
IDL> d=p.data ;Retrieve the data in the plot
IDL> help,d
D          FLOAT    = Array[3, 200]
IDL> d=d[* ,0:50]*2d0 ;Make some new data for the plot
IDL> p.putdata,d ;Replace the plot data
```
