Subject: Re: How to clear an object plot
Posted by penteado on Tue, 05 Oct 2010 17:36:23 GMT
View Forum Message <> Reply to Message

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 tvscl). When the user moves his mouse over this image, the z vs
> x and z vs y are plotted in 2 differents 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