Subject: How to clear a NG window without erase method? Posted by Paul Van Delst[1] on Tue, 06 Aug 2013 18:03:22 GMT View Forum Message <> Reply to Message

Hello.

This is probably a silly question, but how does one clear a New Graphics window without using the erase method?

Actually, let me put it another way by stating what I want to do:

- 1) Produce multiple plots, but all in the same window, separated by a pause.
- 2) Save each plot reference in a hash that is returned to the caller.

For example, consider the test code below. I want to return all the plot references in the "gref" hash post-all-the-plotting:

```
----%<-----
pro testplotcopy, gref = gref
 ; Pretend data
 x = dindgen(100)
 y = x^2
 : Create a test window
 owin = window(window_title='test window')
 ; Create an empty hash to hold the plot objects
 gref = hash()
 ; Let's do 10 plots
 for i = 1, 10 do begin
   ; Let's display all the plots in the same window
   owin.Erase
   : Plot stuff
   gref[i] = plot(x,y,current=owin)
   ; Pause to view and reflect, then continue
   q = GET KBRD(1)
 endfor
end
----%<-----
```

The problem with this is the use of the "erase" method - that deletes all the current graphics objects in the window.

Without the erase everything just gets plotted on top of everything else.

So, how does one clear a graphics window for subsequent plots, without deleting all the previous plot references?

I'm having a brainfade on this, so thanks for any info/pointers/tips.

cheers,

paulv

Subject: Re: How to clear a NG window without erase method? Posted by chris_torrence@NOSPAM on Thu, 15 Aug 2013 17:42:18 GMT View Forum Message <> Reply to Message

Hi Paul,

Did you ever get this working? I'm a little confused as to what you are trying to do. Do you want the plot lines to all remain, but get hidden?

If so, you could just do:

```
for i = 1, 10 do begin
```

```
; Plot stuff
gref[i] = plot(x,y, /overplot)
```

; Pause to view and reflect, then continue q = GET_KBRD(1)

; Hide the plot line but not the axes gref[i].hide = 1

endfor

Does this help?

-Chris ExelisVIS