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Subject: Re: howto select and deselect plotting windows?  
Posted by [Jeremy Bailin](#) on Mon, 21 Feb 2011 20:01:54 GMT  
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On Monday, February 21, 2011 1:13:09 PM UTC-5, David Fanning wrote:

> simona bellavista writes:

>

>> I am looking for a way to select and deselect plotting windows, going  
>> back and forth between them.

>> I mean I would like to

>>

>> select <window 0>

>> plot, x1, y1

>>

>> and then

>>

>> select <window 1>

>> plot, t, s

>>

>> and then again

>>

>> select <window 0>

>> oplot, x2, y2

>>

>> How do I do this? I remember I read something like that a while ago,  
>> but now I cannot find it anymore...

>

> You use WSet to select the current graphics window.

> Or, if you are using resizable graphics windows

> from the Coyote Graphics System, you would use

> cgSet.

>

> [http://www.idlcoyote.com/graphics\\_tips/coyote\\_graphics.html](http://www.idlcoyote.com/graphics_tips/coyote_graphics.html)

Incidentally, a \*huge\* advantage to doing it within cgWindows is that the data coordinate system of each window is preserved when you switch back and forth. So if you overplot things on window 0, they end up placed correctly on window 0's coordinate system. Compare the locations of the plusses:

```
IDL> window,0
```

```
IDL> plot, [0,1],[0,1]
```

```
IDL> window,1
```

```
IDL> plot, [0,2],[0,2]
```

```
IDL> wset,0
```

```
IDL> oplot, psym=1, [0.1], [0.8]
```

with

```
IDL> cgwindow, 'plot', [0,1],[0,1]
IDL> wids = cgquery()
IDL> cgwindow, 'plot', [0,2],[0,2]
IDL> cgset, wids[0]
IDL> cgwindow, 'oplot', [0.1],[0.8], psym=1, /addcmd
```

-Jeremy.

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