
Subject: Re: function graphic property.

Posted by [jimuba](#) on Fri, 07 Aug 2015 01:05:51 GMT

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On Tuesday, August 4, 2015 at 9:56:19 PM UTC-6, Dae-Kyu Shin wrote:

> Hi, i have a question.
> The question is in the example.
>
>
>
> function test123, data, x, y, \$
 > overplot=overplot
>
 > ;; actually, there is a very complicated precess
 > ;; but now simple case
>
 >
 >
 > ;; Question. When keyword set "overplot=1" How can i get the "i1" property
 > ;; (rgb_table, min_value.. and so on)?.
 > ;; Yes, i know the essay way that overplot=i1.
 > ;; But is this possible get the property of latest graphic(in this example, "i1")?
 > ;;
>
 >
 >
 >
 > i = image(data, x, y, \$
 > rgb_table=rgb_table, \$
 > overplot=overplot, \$
 > /axis, aspect_ratio=0)
 > return, i
 > end
>
 >
 >
 >
 >
 > pro test
 >
 >
 > data = findgen(300, 300)
 > x = findgen(300)
 > y = x
 >
 >
 > i1 = image(data, x, y, rgb_table=33)
 >
 > data2 = dist(300)
 > i2 = test123(data2, x+400, y, /overplot
 >
 > end

```
>  
>  
>  
> Thanks.
```

One way you might do this might be to give the first image a Name identifier, for example:

```
i1 = image(data, x, y, rgb_table=33, name='i1')
```

and then in test123(), you could do something like this:

```
i.select, /all  
w = i.window  
objs = w.getselect()  
foreach obj, objs do $  
  if obj.name eq 'i1' then begin  
    i1 = obj  
    break  
  endif
```

(You could also use the SCOPE_VARFETCH routine, for example:

```
i1 = scope_varfetch('i1', level=-1)
```

However as indicated in the documentation, you should use this functionality with caution.)

Hope this helps.

Cheers,

Jim
Harris VIS
