
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 esay 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
