
Subject: function graphic property.

Posted by [Dae-Kyu Shin](#) on Wed, 05 Aug 2015 03:56:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

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.

Subject: Re: function graphic property.

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

[View Forum Message](#) <> [Reply to Message](#)

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
