
Subject: function graphic property.

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

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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.

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
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>   ;; Question. When keyword set "overplot=1" How can i get the "i1" property
>   ;;   (rgb_table, min_value.. and so on)?.
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>   ;;   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
