
Subject: Re: Redraw an image in IDL object
Posted by [David Fanning](#) on Wed, 20 Sep 2006 12:49:02 GMT
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yy writes:

```
> I have a simple question to ask. I'm using IDL objects to draw
> graphics. I want to display two 3D images sequentially. However, when I
> update the new data, IDL won't update the view. Here is what I did:
> myvolume = OBJ_NEW('IDLgrVolume', newdata)
> mymodel -> Add, myvolume
> mywindow -> Draw, myview
>
> Can anybody tell me what is wrong with my code? Thank you very much for
> your time!
```

This code doesn't "update" anything. It makes a NEW something. Are you sure that's what you want? I'd guess you might be drawing one volume directly on top of the other.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Redraw an image in IDL object
Posted by [yy](#) on Wed, 20 Sep 2006 16:13:15 GMT
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I didn't see any change of the image when running the code. Do you have any suggestions about what to do to update the volume data? Thanks!
-JY

David Fanning wrote:

```
> yy writes:
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>> graphics. I want to display two 3D images sequentially. However, when I
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Subject: Re: Redraw an image in IDL object
Posted by [Rick Towler](#) on Wed, 20 Sep 2006 16:39:35 GMT
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You are simply plotting one over the other, and in the process, losing your reference to the first volume object (bad practice). The reason you are not seeing a difference is that the "old" volume is probably masking the "new" volume as both the old and new are still contained in your model and both are being drawn the second time around.

Something like this is more appropriate:

```
;draw the old  
myvolume = OBJ_NEW('IDLgrVolume', olddata)  
mymodel -> Add, myvolume  
mywindow -> Draw, myview
```

```
; draw the new  
myvolume -> SetProperty, DATA0=newdata  
mywindow -> Draw, myview
```

-Rick

yy wrote:

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> any suggestions about what to do to update the volume data? Thanks!

> -JY
>
> David Fanning wrote:
>> yy writes:
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>

Subject: Re: Redraw an image in IDL object
Posted by [David Fanning](#) on Wed, 20 Sep 2006 16:41:31 GMT
[View Forum Message](#) <> [Reply to Message](#)

yy writes:

> I didn't see any change of the image when running the code. Do you have
> any suggestions about what to do to update the volume data? Thanks!

If I created a volume like this:

```
myVol = Obj_New('IDLgrVolume', data)
```

I would try to "update" it like this:

```
myVol -> SetProperty, Data0=newData
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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