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Subject: Re: Displaying three images simultaneously (using Object Graphics)

Posted by [Karl Schultz](#) on Tue, 08 Nov 2005 18:13:37 GMT

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On Mon, 07 Nov 2005 17:07:45 -0800, Victor wrote:

<snip>

> Also,

>> myModel = Obj\_New('IDLgrModel')

>> myModel->Add, [myModel\_1, myModel\_2, myModel\_3], POSITION=[10,20,30]\*B

>> XOBJVIEW,myModel,TITLE='All 3 images'

> Works, but doesn't give the expected results (just overlays the three

> images, Position keyword seems to have no effect whatso ever)

This approach is the closest you came to the correct way of doing it.

I'm not sure why, but it seems that you have developed the idea that the POSITION keyword parameter has something to do with spatial locations. POSITION for IDLgrModel and IDL\_Container refers to the ordering of objects in a container. For example, POSITION=5 means to insert the object into the container in the 6th position (POSITION is zero-based). That is, the object will have 5 objects that precede it in container order after it is inserted. POSITION is an index, not a spatial coordinate.

There are a number of ways to change an image's displayed location. The IDLgrImage LOCATION property is one way that was mentioned by another poster.

Since you have a model for each image you can also do:

```
myModel = Obj_New('IDLgrModel')
```

```
myModel->Add, [myModel_1, myModel_2, myModel_3]
```

```
myModel_1->Translate, 10, 0, 0
```

```
myModel_2->Translate, 20, 0, 0
```

```
myModel_3->Translate, 30, 0, 0
```

```
XOBJVIEW, myModel, TITLE='All 3 images'
```

Substitute offsets that make sense for your image sizes.

Karl

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