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Subject: UNsharing an IDLgrImage

Posted by [kagoldberg](#) on Sat, 27 Jul 2013 23:07:50 GMT

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Here's a strange object graphics quirk, I hope someone can explain. An IDLgrImage object can share its data with another IDLgrImage object. But what happens when you want to quit sharing, and unlink the two? Unless I missed something, it seems that you cannot.

Here's an example where we (1) define an image and draw it. (2) share with another image, and draw that. (3) attempt to unshare, set new data to the image, and draw it (it works). (4) modify the original share image, and observe that it is still linked to the first, with the ability to change it. After each 'stop' use '.c' or '.continue' to proceed to the next step.

How does one break the connection and un-share without destroying the second IDLgrImage?  
Thanks!

#### EXAMPLE CODE

```
oWindow = IDLgrWindow(dimensions=[500,500])
oView  = IDLgrView(EYE=1000, COLOR=[50,100,50], DIMENSIONS=[500,500],
VIEWPLANE_RECT=[0,0,500,500])
oModel = IDLgrModel()
oView.Add, oModel

olmage = IDLgrImage(bindgen(16,16), LOCATION=[0,0], DIMENSION=[256,256], /GREYSCALE)
oModel.Add, olmage

oWindow.Draw, oView & print, 'A, here we see the bindgen ramp'

stop

olshare = IDLgrImage(bytscl(randomn(seed,16,16)))
olmage.SetProperty, SHARE_DATA=olshare ;--- see the shared image
oWindow.Draw, oView & print, 'B, now we see the shared randomness'

stop

olmage.SetProperty, SHARE_DATA=null, DATA=bytscl(dist(16,16)) ;--- see the dist()
oWindow.Draw, oView & print, 'C, we replace the share with dist() data'

stop

olshare.SetProperty, DATA=255b-bindgen(16,16)
oWindow.Draw, oView & print, 'D, change the olshare and it STILL affects the olmage'

end
```

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