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Subject: closing xwindows within IDL

Posted by [astroboy2k](#) on Thu, 28 Aug 2008 15:49:21 GMT

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Sorry for what's probably a question with an obvious answer in the documentation.

I'm running IDL remotely using x-windows, using multiple calls to xobjview. At some point, my Mac seems to decide that there are too many x-windows open and crashes. Is there a way for IDL to close such an xwindow, or alternatively, close the window that xobjview opens.

The relevant part of the code is below. Basically, I'm using direct objects to write to a tiff file, at which point I'd like to kill the window (or xwindow) that xobjview has opened.....

Thanks,

Mark

```
pro make_tiff,main,m,k
sub_loadct,19,r,g,b ,/brew
!p.background=fsc_color('Powder Blue')

data=main(m).flux(*,*,k)
data=rotate(data,1) ;need to rotate by 90 degrees to get it to come
out right

data0 =1.*data0 +replicate(0.,!xss,!yss)
```

blah blah blah

```
oModel = OBJ_NEW('IDLgrModel')
MESH_OBJ, 4, vertices, connectivity, radii, /CLOSED
sphericalCoordinates = CV_COORD(FROM_RECT = vertices, /TO_SPHERE)
elevation = REFORM(sphericalCoordinates[2, *],
N_ELEMENTS(sphericalCoordinates[2, *]))
```

```
MESH_OBJ, 4, colrad, connectivity, cols, /CLOSED
sphericalCoordinates = CV_COORD(FROM_RECT = colrad, /TO_SPHERE)
col_elevation = REFORM(sphericalCoordinates[2, *],
N_ELEMENTS(sphericalCoordinates[2, *]))
```

```

oPalette = OBJ_NEW('IDLgrPalette',r,g,b)
oPolygon = OBJ_NEW('IDLgrPolygon', vertices, POLYGONS = connectivity,
SHADING = 1, $
      VERT_COLORS =col, PALETTE = oPalette)
oModel -> Add, oPolygon

mylight1 = OBJ_NEW('IDLgrLight', TYPE=0, COLOR=[255,255,255]) ;
Ambient white
mymodel = OBJ_NEW('IDLgrModel')
mymodel->Add, mylight1

XOBJVIEW, oModel, /BLOCK, SCALE = 1, $
TITLE =' RSPOT/NG = '+!crspot(m)+'/'+!cng(m),
background=[210,210,210], $ ;[176,224,230], $ 
/
just_reg,xsize=xsize,ysize=ysize,xoffset=0,yoffset=0,station ary=mymodel,tlb=tlb

XOBJVIEW_ROTATE, [0, 0, 1], -(k+1)*.25, /PREMULTIPLY;
XOBJVIEW_ROTATE, [0, 1, 0], (k+1)*1, /PREMULTIPLY;

xobjview_write_image,'trash1.tiff','tiff'

return
end

```

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