

Hello Friends,

I am new to IDL. I am in my 8th semester of computer engineering and am doing my major project that requires displaying Hinode FITS files that are actually image files.

I want to display them using IDL object Graphics but it doesn't work well. If I used the same data array with TV procedure the image gets displayed, so the data array is fine.

I am attaching my code here

```
; Determine path to file.
imagePath ='C:\RSI\IDL63\meet notes\XRT SOT EIS\Hinode
\darts13590\hinode\sot\level0\2008\03\01\FG
\H1100\FG20080301_111137.6.fits'

; Initialize image parameters.
;imageSize=size(imagePath)

; Open file, read in FITS file , calibrate it and get image data array
in "imageDATA"
fg_prep, imagePath, -1, index, imageData, /despike, /no_darksub, /
no_badpix

; Initialize window parameters.
xlimit=1024
ylimit=768
offset=30
windowSize = [xlimit+2*offset, ylimit+2*offset]
;windowMargin = offset

; display.
oWindow = OBJ_NEW('IDLgrWindow', RETAIN = 2, $
    DIMENSIONS = windowSize, $
    TITLE = FILE_BASENAME(imagePath, '.fits'), UNITS=0)
oView = OBJ_NEW('IDLgrView', LOCATION=[30,30], DIMENSIONS=
[1024,768], UNITS=0)
oModel = OBJ_NEW('IDLgrModel')

; Initialize palette with STD GAMMA-II color table and
; use it to initialize the image object.
oPalette = OBJ_NEW('IDLgrPalette')
oPalette->LOADCT, 3
new_data=congrid(imageData,1024,768)
```

```
my_data=BYTSCl(new_data)
oImage = OBJ_NEW('IDLgrImage', my_data, $
    PALETTE = oPalette)

TV ,my_data ;WORKS FINE DISPLAYS IMAGE
; Add image to model, which is added to view. Display
; the view in the window.
oModel->Add, oImage
oView->Add, oModel
oWindow->Draw, oView ;DOESN'T SHOW IMAGE

; Cleanup object references.
OBJ_DESTROY, [oView, oPalette]

end
```

Please Guide me in this context.

Thank You
Meet Shah
