
Subject: Rotate an image using objects

Posted by [Daniel SAGE](#) on Wed, 04 Apr 2001 15:47:54 GMT

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We try to do geometric transformation a 2D flat image (e.g findgen(128,128)) including in a model.

It works fine with the translation (mymodel->Translate) and scaling (mymodel->Scale) but

it doesn't for the rotation (mymodel-> rotate). Our goal is to rotate the image at the center of image.

See the above code.

Anyone has an idea why it doesn't work.

Thank you

pro test

```
mywindow = obj_new('IDLgrWindow', dimensions=[512,512])
myview = obj_new('IDLgrView', view=[-256,-256,512,512])
mymodel = obj_new('IDLgrModel')
image=findgen(128,128)
myimage = obj_new('idlgrimage', image)
myImage->SetProperty, Location=[-64,-64]
myview-> Add, mymodel
mymodel-> Add, myimage
mymodel-> rotate, [0,0,1], 5           ; DO NOT WORK
mymodel-> translate, -10, -10, 0.0     ; WORK
mywindow -> Draw, myview
```

end

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