
Subject: Need help in Volume manipulation

Posted by [Alvin Das](#) on Sat, 15 Apr 2006 13:41:21 GMT

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Hi group,

I have a 3D-array filled with an 3D object. I want to rotate the object within the array about an arbitrary line say, $y=2x=3$. Currently I am rotating the object by rotating each plane of the array, for example I did:

```
for i=0, xside-1 do cube[i,*]=ROT(cube[i,*],45)
```

to rotate the object by 45 degrees. At this stage I want to rotate the object about the line $y=-x$, but don't know how to do that. Any ideas?

Alvin
