
Subject: Volume visualization starting from 2d image
Posted by [elias](#) on Mon, 26 May 2008 18:14:24 GMT
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Hi all,

I have the following problem I try to solve: I have a 2d image in IDL (eg. `data=DBLARR(100,60)`), along with the position coordinates (eg. `x=DBLARR(100)`, `y=DBLARR(60)`). I create a color coded plot in a 2D projection. This 2D image is cylindrically symmetric around the vertical axis (y axis) and what I want to try is to "rotate" this dataset around the y-axis and create a 3D representation of this dataset (not much more information added - just for outreach purposes). It should result in a torus formation.

Any idea on how to do this, starting from my current dataset, using the volume visualization capabilities of IDL?

Thanks a lot in advance!
