
Subject: Re: How to get an arbitrary sectional slice in 3D array ?

Posted by [David Fanning](#) on Mon, 27 Aug 2007 12:50:18 GMT

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Nianming Zuo writes:

- > I have a 3D image stored in a 3D array myimg(x, y, z).
- > How can I get an arbitrary sectional slice image from such a 3D array
- > (Not only along x-, y- or z- direction).
- > Namely, given an arbitrary plane with (point, normal_vector) in 3D
- > space, which indicates
- > that this plane goes through point "point" and normal vector is
- > "normal_vector",
- > we can easily get the image laid in this plane.
- >
- > Certainly, we can get the data in arbitrary plane by interpolation. I
- > only wonder if
- > there is an existing function in IDL ? (my version is 6.0)

Have a look at EXTRACT_SLICE.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
