
Subject: Re: fixing DICOM read issues

Posted by [David Fanning](#) on Fri, 11 Dec 2009 14:21:05 GMT

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Dorthe Wildenschild writes:

> I am trying to read a stack of DICOM images (.ima format) with IDL and
> can read in the values just fine (-1054 to 3000), but the voxel
> scaling is wrong, so my cylindrical object becomes oval. I tried
> saving the volume from another program and that works well for meshing
> the slices together and getting the correct data range, but I loose
> the voxel scaling, so that once I read that simple binary data file
> into IDL it is stretched incorrectly.
> My array is 512,512,478, and the scaling in the DICOM file is
> 0.43,0.43,0.5 in the three dimensions. How do I fix this in IDL so the
> image has the right shape. Rebin only works for integers of the
> original size...

This seems more like an image *display* problem to me,
but if you want to change the size of the data array,
use CONGRID.

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.")
