
Subject: Re: Reading DICOM images

Posted by [David Fanning](#) on Wed, 25 Jan 2006 14:36:52 GMT

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holgi0251@lycos.de writes:

> I am trying to process DICOM-images of human lung tissue from a Siemens
> Multidetector CT-scanner. The gray-levels should range from -1000 HU to
> something like +2000. When I read the image slices ("im =3D
> read_dicom(filename, image_index=3D1) the grey levels are compressed to
> the range 0 ... 255. The situation slightly improves, when I predefine
> the variable by "im =3D fltarr(512,512)". But I still don=B4t get negative
> graylevels.

Here is an article on how I convert CT values in DICOM files to
Hounsfield units:

http://www.dfanning.com/fileio_tips/hounsfield.html

Cheers,

David

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