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Subject: IDL reader for medical images

Posted by [Georges Limbert](#) on Tue, 02 Mar 1999 08:00:00 GMT

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Dear all,

I would like to know if anybody knows if it exists  
a IDL subroutine that can read medical images from  
the Visible Human Project. I would like to read the  
CT scan images (512 x 512, 16 bit, Header size=3416)  
in order to extract the QCT informations.

(Quantitative Computed Tomography)

There is one image per file.

I need to create a text file for each slice (image)  
where I would have the voxel positions in space, that  
is, the coordinates of the center of "gravity" for  
each voxel and the QCT number associated with them.

The text file would look like this:

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          xg | yg | QCT

voxel 1 |

voxel 2 |

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voxel (512x512) |

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Any comment or help would be much appreciated.

Best regards.

Georges Limbert

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