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Subject: Re: DICOM3\_2\_IDL

Posted by [Peter Clinch](#) on Tue, 09 Jul 1996 07:00:00 GMT

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Frank Besold wrote:

>  
> I am currently faced with the problem how to import MRI images from a  
> Siemens-vision scanner formatted according to the DICOM3 standard into a IDL  
> program for further processing. If anyone was faced with the same problem and  
> can provide me with information other than the basic DICOM documentation i  
> would be grateful.

The best summary I've seen so far is in the Medical Image FAQ. Check out

[http://www.lib.ox.ac.uk/internet/news/faq/by\\_category.medical-image-faq.html](http://www.lib.ox.ac.uk/internet/news/faq/by_category.medical-image-faq.html)

which distills the highly elaborate DICOM system into digestible chunks. The bit you want, the image storage format, is actually quite simple, and in part 2 or 3 of the FAQ at that location.

I have a C program I wrote to do this job on Siemens Impact images that runs on a Sun, but which somebody else got to work okay on HPs and an SGI. Source is at my anonymous ftp site

[medphys.dundee.ac.uk](http://medphys.dundee.ac.uk)

login as anonymous, cd to pub, and it's called nemautil.c. Not the greatest software ever written, but you might find it useful as a start for your own work: feel free to use it as you will.

Pete.

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