
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

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

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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