
Subject: Re: DICOM 3

Posted by [Peter Clinch](#) on Thu, 27 Jun 1996 07:00:00 GMT

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Lars Ketil Heill wrote:

- >
- > I'd very much appreciate it if anyone can help me read DICOM 3 images,
- > either by pointing me to
- >
- > - a source with sufficient information about the format to allow me to
- > read DICOM 3 images into IDL, or

This is available at the Medical Image FAQ site, at...

http://www.lib.ox.ac.uk/internet/news/faq/by_category.medical-image-faq.html

Parts 1 and 2 distill the several large volumes of information on the format into a few succinct, useful and digestable pages. This is the source I used to crack the format into useable data.

- > - an IDL (or other UNIX or MS Windows) program/routine that translates
- > DICOM 3 into something nicer, like 16-bit raw binary?

My PV-Wave program for this is currently on the back burner and unlikely to proceed for a while :-(However, I've done a quick hack in C that takes an ACR-NEMA 2.0 image (previous version of DICOM 3) and dumps its header as readable text and the image as 16 bit raw binary. I think it should work for DICOM 3... I wrote it for a Sun, so if you want to run it on an Intel platform you'll probably have to remove the byte swapping bits, and I do not claim it's the World's Greatest And Best Written Utility, but you're welcome to the source if you'd like it.

Hope that helps,
Pete.

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