
Subject: ACR/NEMA reading utility needed
Posted by [mtadams](#) on Wed, 14 Dec 1994 17:46:20 GMT
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Hello all.

I will be obtaining on a regular basis ACR/NEMA-formatted MR images, exported from a Philips Gyroscan MR system, and would like to know if anyone has a utility to extract the raw images from these files.

I've already grabbed the DICOM 3.0 package, but its focus seems to be more on client/server architecture and image display. I want to get at the images themselves, not just display them. I have poked around the source code a bit and see some places where I might be able to hack, but if someone has already done this and is willing to share, I would appreciate not having to reinvent the wheel here.

Right now, I get GE Signa 5.x MR images, and simply skip the header information (a constant size for the images I obtain) in each image file to get to the raw data, convert that data to unsigned bytes in the range [0-255], and write an MR *volume* file, the number of bytes equal to the product of the x, y, and z (# of slices) dimensions, and the size of unsigned bytes on my machine (in this case, 1). It appears as though I cannot apply the same strategy to ACR/NEMA formatted images.

Thanks in advance,

Matthew
