Subject: DICOM3 2 IDL

Posted by weilke on Tue, 09 Jul 1996 07:00:00 GMT

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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.

P.S. by coincidence this request was initially posted under the identity of Frank Besold. If you want to reply, please use: weilke@nk-i.med.uni-muenchen.de

Subject: Re: DICOM3\_2\_IDL

Posted by paritosh on Thu, 11 Jul 1996 07:00:00 GMT

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I read the MR (Siemens Vision) images by a brut-force method but it works fine.

Visions 1.5 T scanner images have a header of 6144 bytes.

point\_lun,inunit,6144

read, data; your 2D matrix typically 256x256

Note these are 16 bit/pixel images (where only 12 are actually used)

To extract imaging parameters TI, TE, TR and FOV, I pass the header through a parser (after converting each byte to a character) and it seems to work fine.

Paritosh