
Subject: DICOM3_2_IDL

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

[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

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
