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Subject: Re: Problem reading DICOM files with IDL  
Posted by [David Fanning](#) on Mon, 28 Jul 2003 15:02:48 GMT  
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Nuno Chichorro Ferreira writes:

> I apologize if this has already been answered before. I have been unable  
> to read DICOM files with IDL 5.3/5.4, can someone help me?  
>  
> The files I want to read are in DICOM compressed format (JPEG), but IDL  
> only reads the size of the image, not the data. I know that IDL does not  
> support compressed files (at least the 5.3/5.4 versions), but the same  
> happens with the uncompressed files I have created by reading them with  
> a DICOM viewer - Osiris - and saving them without compression.  
>  
> Can anyone find an easy solution for the problem?  
> Many thanks,  
>  
> Nuno  
>  
> P.S. - The following is the error message I get when reading the  
> compressed DICOM files:  
>  
> IDL> img=read\_dicom(file)  
> % Compiled module: READ\_DICOM.  
> % Loaded DLM: DICOM.  
> % IDLFFDICOM::READ: This file uses the following compression type for  
> its image(s): JPEG Lossless, Non-Hierarchical, First Order Prediction  
> (Process 14)  
>  
> % IDLFFDICOM::READ: \*\* Unable to handle compressed data!!! \*\*  
>  
> % IDLFFDICOM::READ: This image has an undefined length and may not be  
> read properly.

It would be more helpful to see the error messages  
caused by reading the uncompressed files, since even  
you admit IDL isn't going to read the compressed files.

Sigh...

Cheers,

David

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Phone: 970-221-0438, E-mail: david@dfanning.com  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Toll-Free IDL Book Orders: 1-888-461-0155

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