
Subject: 12 bit jpeg

Posted by [dktr.ted](#) on Mon, 09 Feb 2009 22:15:25 GMT

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Hi all,

I know the IDL dicom package supports dicom files included 12 bit jpeg compressed data, however I'm wondering if anyone has any tricks for reading such files without paying the extra \$\$\$ for the dicom license. Don't want to sound cheap, but I don't quite see the point of paying for the whole package just to get the ability to read 12 bit jpegs. If no one has an IDL solution to reading this data, perhaps someone can point me to an external utility for converting this data? Thanks in advance for any help you can give.

Ted

Subject: Re: 12 bit jpeg

Posted by [ben.bighair](#) on Tue, 10 Feb 2009 18:37:40 GMT

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On Feb 10, 1:19 pm, dktr....@gmail.com wrote:

> Thanks Robbie. I agree in principle with your suggestion of getting
> the dicom files in uncompressed form, the trick here is teaching less-
> tech savvy collaborators how to properly export their data and send it
> to me. ;) I will look into dcmtnk.

>

> On Feb 10, 2:43 am, Robbie <ret...@iinet.net.au> wrote:

>

>> I would recommend just using dcmtnk (www.dcmtnk.org) to convert your
>> images. It will probably be faster than anything written in IDL.

>

>> In any case, it is part of the DICOM standard that an application
>> entity (DICOM node) should support uncompressed transmission of
>> images. Thus, theoretically you should be able to receive the file in
>> uncompressed form. This is the part where I rant about that DICOM is
>> not a file-format, it is a network protocol blah-blah-blah.

>

>> Robbie

Hi,

I am not sure if it would help in your case, but Karsten Rodenacker has written the code required to use the Bio-Formats image reader from Loci. I know that Bio-Formats reads Dicom, but I am not so sure about the 12-bit stuff. It would be worth checking out...

<http://www.loci.wisc.edu/ome/formats-idl.html>

Cheers,
ben
