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Subject: Re: Problem with IDLffDicomEx::SetPixelData

Posted by [rtk](#) on Tue, 02 Aug 2011 20:02:11 GMT

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On Aug 1, 8:24 am, Vivek <[vivek.rajshek...@gmail.com](mailto:vivek.rajshek...@gmail.com)> wrote:

> Hello,

>

> I am facing issues with IDLffDicomEx::SetPixelData when it comes to  
> assigning pixel intensity values to the DICOM file. While it works  
> fine in assigning it basically, it's not faithfully reproducing the  
> image correctly, and is sort of distorting/thresholding the image. I  
> am having to convert the image to uint type or fix type before storing  
> it, as it does not allow me to store float values.

>

> When I try and store the float type, I get an error saying that the  
> input pixel data array is not equal to the total number of frames in  
> the image, but when I convert the same to uint or fix type, it works  
> fine, albeit distorting/thresholding the image. Any suggestions on how  
> to correct this?

>

> Vivek

This sounds like an incompatibility between the image parameters (number of bits, bits allocated, high bit, etc) and the actual data you are passing in. If you can show us how you are setting these values and then print the type of the data array you are passing things might become clear. I suspect IDL is truncating the data based on these values.

Ron

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