Subject: SetPixelData Error
Posted by Aks on Tue, 02 Oct 2007 20:34:02 GMT
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Hi,

I tried using SetPixelData to write a 2D processed data into DICOM
image. I used the Bits_Allocated to be same as the information I read
from the header of the raw data (DICOM file).

oImg -> SetPixelData, image[*,*,i], BITS_ALLOCATED = uid2805,
PHOTOMETRIC_INTERPRETATION = 'MONOCHROME2',
 SAMPLES_PER_PIXEL = 1, PIXEL_REPRESENTATION = 0, COLUMNS = imsize[1],
ROWS = imsize[2]

This is the error I get.

IDLFFDICOMEX::SETPIXELDATA: Error: Unable to set pixel data. Passed
in pixel data array length is not equal to the length of one frame.
(file), MR76000001.dcm

Can anybody tell me what this error means??

Thanks for your help.

Subject: Re: SetPixelData Error
Posted by Robbie on Thu, 04 Oct 2007 22:58:44 GMT
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I'm guessing that you have specified an impossible image
representation based on the pixel data you are setting. Try using
SetPixelData without so many keywords.

 oImg -> SetPixelData, reform(image[*,*,i],imsize[1],imsize[2]),
 PHOTOMETRIC_INTERPRETATION = 'MONOCHROME2',
  SAMPLES_PER_PIXEL = 1, PIXEL_REPRESENTATION = 0, COLUMNS =
imsize[1],
 ROWS = imsize[2]

Robbie
http://www.barnett.id.au/idl/