Subject: Re: problem with xroi continued....
Posted by Pravesh on Thu, 14 Apr 2005 19:57:49 GMT
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Hi Maarten,

If it gets scaled to the 0-255 range, i will not get as accurate
answers as I would otherwise. see, when you doing calculations, should
not I have the original numbers than these scaled values?

i tend to miss out on certain pixels because of that.

pravs
maarten wrote:
> I am not sure if I understand your problem, but what is the problem
with
> bytscl?
> It shouldn't matter whether the data is in the 0-2000 range, or the
> 0-255 range, it is just a matter of scaling. You should probably not
> specify a top and just let bytscl convert your full range of values
to
> the 0-255 range. At my computer this works perfectly well.
>
> cheers maarten
>
> Pravs wrote:
>> Hi :
>>
>> Thanks for all the previous inputs. My guess is that since GE
Genesis
>> is a
>> proprietary format, i may have to buy one of those tools available
in
>> the market such as DICOMatic. However, I have tried a crooked way
to
>> see if that helps.
>>
>> I converted the Genesis file to Analyze and from Analyze to DICOM
using
>> DICOMatic.
>> I obtained a DICOM image too. However, the problem comes with XROI
now.
>> If I open the DICOM image directly from XROI, it is completely
messed
>> up. So, I try to open the image as xroi, bytscl(image).
>>
>> THIS DOES NOT SERVE THE PURPOSE AS THE SCALED IMAGE IS GRAYSCALE.

EVEN
>> WHEN I SPECIFY THE TOP, THE IMAGE HAS A MAX VALUE OF 255. THE
ORIGINAL
>> IMAGE HAS INTENSITY VALUES RANGING FROM 0-2000 BUT THE SCALED ONE
>> BECOMES VERY LOSSY AND I LOSE PRECIOUS DATA.
>> My question:
>> What's the problem with XROI in opening such images that are in the
>> proper format but not in 0-255 range? I guess if I cant get XROI to
>> open it, I will make a program that can draw an ROI and I can
further
>> work with it
>> ANy suggestions on that one?
>>
>> Thanks a lot, guys.
>>
>> Pravs
>>
