
Subject: Re: problem with xroi
Posted by [Pravesh](#) on Thu, 07 Apr 2005 15:19:08 GMT
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Hi Robert:

Thanks for the reply. The images are not in the DCM format. In Fact, if they were then IDL would not have returned a 0 for the image format. They are in MR GE format. file names are of the format I72275~1.24

I cannot open the image from XROI. Now, I have saved this image as grayscale JPG. It works fine then. But as a PNG, the dimensions returned are

3 512 512

The header size is 7920 bytes.

The dicomfile.dump is empty.

Please let me know..

Regds,
Pravs

Robert Barnett wrote:

> What kind of medical images are they? Can't you use the DICOM format?

>

> dicom_obj = obj_new('IDLffDICOM')

> result = dicom_obj -> read('dicomfile.dcm')

> dicom_obj -> dumpelements, 'dicomfile.dump'

>

> Look at dicomfile.dump to find pixel data. In my instance I have several static images

> 138 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0 0 0 0 0 ...

> 139 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0 0 0 0 0 ...

> 140 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0 0 0 0 0 ...

> 141 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0 0 0 0 0 ...

> 142 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0 0 0 0 0 ...

> 143 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0 0 0 0 0 ...

> 144 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0 0 0 0 0 ...

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> 145 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0
0 0 0 ...
> 146 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0
0 0 0 ...
> 147 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0
0 0 0 ...
> 148 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0
0 0 0 ...
> 149 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0
0 0 0 ...
> 150 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0
0 0 0 ...
> 151 : (7FE0,0010) : OW : PXL Pixel Data : 32768 : 0 0 0 0 0 0 0 0
0 0 0 ...
>
> images = dicom_obj -> getValue('7FE0'x,'0010'x)
>
> ; Images should be a pointer array to the data with the matching
dicom element "(7FE0,0010)"
> ; IDL works out the image dimensions for you so you don't need to
reform the data
>
> tv, *images[0]
>
> xroi, *images[0]
>
> As to your second problem. You might need to scale the image to byte
so it looks like it would if you did tvscl.
>
> tvscl, *images[0]
>
> xroi, fix((float(*images[0]))*255/max(*images[0]))
>
> On 6 Apr 2005 08:57:49 -0700
> "Pravs" <praveshsubramanian@yahoo.com> wrote:
>
>>
>> Hello:
>>
>> 2 problems:
>>
>> 1. I have medical images in GE Format. As IDL cannot open it, I
tried
>> to act smart and converted them to JPG. The trade-off being that I
have
>> grayscale images.
>>
>> I was wondering if we have an image reader for the GE Format

```

otherwise

>> how can I work around this problem?

>>

>>

>> 2. xroi seems to be open

>

> --

>

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