
Subject: Re: CT image without scaling

Posted by [David Fanning](#) on Thu, 24 Sep 2015 16:07:22 GMT

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Dete van Eeden writes:

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>
> On Thursday, September 24, 2015 at 5:41:56 PM UTC+2, David Fanning wrote:
>> Dete van Eeden writes:
>>
>>> How can I display a CT image on idl without it being scaled to 0,255?
>>
>> I'd try:
>>
>>   TV, image
>>
>> Or, if the data is not in the range 0 to 255 already, scale it yourself
>> with BytScl to whatever range you want within the values 0 to 255
>> required to put an image on the display.
>>
>> Cheers,
>>
>> David
>> --
>> David Fanning, Ph.D.
>> Fanning Software Consulting, Inc.
>> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
>
> Thank you, the values range from 1000 to -1000 since it is a CT image and it is displayed in
> hounsfield units
>
> how many greyscale values will tv, image display?
```

All non-true-color images are displayed with values ranging from 0 to 255. Often, with CT and other medical images, you want to "window and level" the image.

Here are a couple of articles you might find helpful:

http://idlcoyote.com/ip_tips/xstretch.php

http://www.idlcoyote.com/ographics_tips/contrastzoom.html

Cheers,

David

--

David Fanning, Ph.D.

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