
Subject: Xinteranimate and dicom

Posted by [M R](#) on Wed, 27 Jul 2011 15:41:11 GMT

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I am using Xinteranimate command to produce an animation containing DICOM images. I have the following error

- Transform_Volume

The code is given below.

```
fil = file_search('Filepath\DICOM\*', COUNT = count)
```

```
image = read_dicom(fil[0])
```

```
s = size(image)
```

```
arm = make_array(s[1],s[2],count,/nozero)
```

```
loadct, 0
```

```
xinteranimate, set=[3*s[1],3*s[2],count-20],/showload
```

```
for i = 0, 36 do begin
```

```
    rotData = Transform_Volume(data, Rotation =[0,0, (i*10) MOD 360],  
Missing = 0)
```

```
    TVImage, Reform(Max(rotData, DIMENSION = 1))
```

```
    XInteranimate, Frame = i, Window = !D.Window
```

```
End
```

```
Xinteranimate, 50
```

```
end
```

Is it because I am using DICOM images or anything else?

Subject: Re: Xinteranimate and dicom

Posted by [David Fanning](#) on Thu, 28 Jul 2011 00:59:36 GMT

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M R writes:

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>   Missing = 0)
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>   TVImage, Reform(Max(rotData, DIMENSION = 1))
>
>   XInteranimate, Frame = i, Window = !D.Window
>
> End
>
> Xinteranimate, 50
>
> end
>
> Is it because I am using DICOM images or anything else?

```

You mentioned an error. Did you want to tell us what it was? :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Xinteranimate and dicom
Posted by [M](#) on Mon, 01 Aug 2011 16:31:29 GMT
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On Jul 27, 7:59 pm, David Fanning <n...@idlcoyote.com> wrote:

```
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>> End
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>> Xinteranimate, 50
>
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> David
>
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- > David Fanning, Ph.D.
- > Fanning Software Consulting, Inc.
- > Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
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The program gets stuck at transform_volume line with the transform_volume code opening in a new window and the pointer at these lines.

```
Catch, theError
IF theError NE 0 THEN BEGIN
    Catch, /Cancel
    ok = Dialog_Message(!Error.State.Msg)
    RETURN, -1
ENDIF
```

Isn't Xinteranimate not compatible with DICOM images? Thank you!

Subject: Re: Xinteranimate and dicom
Posted by [David Fanning](#) on Mon, 01 Aug 2011 16:55:36 GMT
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M writes:

```
>
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>>
>>>  End
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>>>  Xinteranimate, 50
>>
>>>  end
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>  ENDIF
>
>  Isn't Xinteranimate not compatible with DICOM images? Thank you!

```

Did you read the error message? My guess is that "data" is undefined in this line. I least I don't see it defined anywhere in your program.

```

rotData = Transform_Volume(data,Rotation=[0,0,(i*10) MOD 360], $
Missing = 0)

```

Did you mean "image"?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Xinteranimate and dicom

Posted by [M](#) on Mon, 01 Aug 2011 18:10:34 GMT

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>> XInteranimate, Frame = i, Window = !D.Window

>

>> End

>

>> Xinteranimate, 50

```
>
>> end
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```

The code is getting stuck in the transform_volume line. The transform_volume code is opening and the following is being displayed

```
Catch, theError
IF theError NE 0 THEN BEGIN
  Catch, /Cancel
  ok = Dialog_Message(!Error.State.Msg)
  RETURN, -1
ENDIF
```

with the pointer at "ok = Dialog_Message(!Error.State.Msg)"

Are Dicom and Xinteranimate incompatible?
Thank you!
