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Subject: Xinteranimate problem!!

Posted by [mensar](#) on Fri, 10 Dec 1999 08:00:00 GMT

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<!doctype html public "-//w3c//dtd html 4.0 transitional//en">

<html>

Dear all

<p>I would like to thank everyone in the group for the help they have given me so far, particularly Liam Gumley. My latest problem is with XINTERANIMATE.

The program runs, but I seem to be getting an error which says that '<font color="#CC0000">only one animation at a time is allowed'</font>. In the window I get the error

:

<p><font color="#FF6666">% Program caused arithmetic error: Floating divide by 0</font><font color="#FF6666"></font>

<p><font color="#000000">I believe the xinteranimate is loading the sequence 22 times. The program is :-</font>

<br><font color="#FF6666">&nbsp;</font>

<br><font color="#FF6666">pro OnOpen</font><font color="#FF6666"></font>

<p><font color="#FF6666">&nbsp;</font>; Get the Filename</font>

<br><font color="#FF6666">&nbsp;</font>openr, 1, 'E:/Temp/batch.rvd'</font>

<br><font color="#FF6666">&nbsp;</font>datas=fltarr(3,36,49,22)</font>

<br><font color="#FF6666">&nbsp;</font>readf, 1, datas</font>

<br><font color="#FF6666">&nbsp;</font>close, 1</font>

<br><font color="#FF6666">&nbsp;</font>h=rebin(reform(datas[2,\*,\*]), 72, 98, 22)</font>

<br><font color="#FF6666">&nbsp;</font>loadct, 3</font>

<br><font color="#FF6666">&nbsp;</font>; erase</font>

<br><font color="#FF6666">&nbsp;</font>frames = fltarr(512, 512, 22)</font>

<br><font color="#FF6666">&nbsp;</font>window, 1, TITLE='Bloodflow animation', xsize=512, ysize=512</font>

<br><font color="#FF6666">&nbsp;</font>XINTERANIMATE, set=[512,512,22]</font>

<br><font color="#FF6666">&nbsp;</font>for i=0, 21 do begin shade\_surf, h[\*,\*,i], zrange=[-1,+1] & amp; frames[\*,\*,i]=tvrd() & amp; xinteranimate & amp; end</font><font color="#FF6666"></font>

<p><font color="#FF6666">end</font><font color="#FF6666"></font>

<p><font color="#000000">One other small thing that I have also experienced is that the loadct command does not seem to load any colour map to my shaded surface. It simply appears black and white.</font><font color="#000000"></font>

<p><font color="#000000">Any help in this matter would be most appreciated.</font>

<br><font color="#000000">cheers</font><font color="#000000"></font>

<p><font color="#000000">scott reid</font>

<p>--

<br>\*\*\*\*\*

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mensar/index.html</A>  
<br> \*\*\*\*\*  
<br>&nbsp;</html>

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Subject: Re: Xinteranimate  
Posted by [davidf](#) on Fri, 31 Dec 1999 08:00:00 GMT  
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Christophe Marque ([christophe.marque@obspm.fr](mailto:christophe.marque@obspm.fr)) writes:

> I've some troubles with xinteranimate.  
> I want to realize a short movie with a sample of images ( displayed with tvscl),  
> overlapped by a circle.  
> I used the following commands:  
> << tvscl,img(\*,\*,i)  
> <<plot\_circle  
> <<a=tvrd()  
> <<XINTERANIMATE, FRAME = i, IMAGE = a  
> Everything is OK except the color table behaviour. One  
> image is correct (red table for example) but the next ist wrong (it looks like  
> an overexposed photograph). Then the next one is correct and the next one is  
> wrong etc....  
> I have the same behaviour with other color tables (rainbow18 for example)  
> I think the problem comes from the tvrd() function. Is there a solution?

I think the easiest thing to do is just avoid the  
TVRD thing altogether:

```
tvsc1,img(*,*,I)
plot_circle
XINTERANIMATE, FRAME = I, WINDOW=!D.Window
```

Another alternative is to do the TVRD thing, but  
do it in the Z-buffer, where you are guaranteed  
an 8-bit device.

Cheers,

David

--  
David Fanning, Ph.D.  
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Toll-Free IDL Book Orders: 1-888-461-0155

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Subject: Re: Xinteranimate  
Posted by [Christophe Marque](#) on Mon, 03 Jan 2000 08:00:00 GMT  
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David Fanning wrote:

```
> I think the easiest thing to do is just avoid the
> TVRD thing altogether:
>
>   tvscl,img(*,*,I)
>   plot_circle
>   XINTERANIMATE, FRAME = I, WINDOW=!D.Window
>
> Another alternative is to do the TVRD thing, but
> do it in the Z-buffer, where you are guaranteed
> an 8-bit device.
>
> Cheers,
>
> David
```

The first solution is correct, no more problems!  
thank you very much,  
and best wishes for the new year.  
Christophe.

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