
Subject: Re: Black screen movie

Posted by [Sofie Fehlmann](#) on Fri, 09 Mar 2012 14:45:33 GMT

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On Mar 9, 3:25 pm, David Fanning <n...@idlcoyote.com> wrote:

> Sofie Fehlmann writes:

>> I'm a very beginner and would like to create a movie with IDL. I tried

>> therefore the following:

>

>> for i=0,n-1 do begin

>> filename='DATA_000'+strtrim(i,2)+'.tab'

>

>> readdata,filename

>

>> iimage = tvrd(true=3)

>> xinteranimate,image=iimage,frame=i

>> endfor

>

>> Readdata is a program which creates (after some calculations) a
>> contour plot. However, when xinteranimate starts, the contour plot
>> appears correctly but not in the xinteranimate frame. Therefore, I get
>> a black screen movie. So, I think something is completely wrong...

>> The same problem happens if I use the 'addvideostream' command. The
>> contour plot seems to appear in a different window.

>> How can I "put" the contour plot which I call with Readdata into a
>> movie frame?

>

> But, you are taking a snapshot of the ReadData window and
> putting that into the animation. Is that what you say is
> not working? Are you sure you are taking the snapshot of the
> right window? Is there anything except black pixels in your
> image? How does ReadData deal with windows?

>

> 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.")

Yes, I would like to take a snapshot of the Contour plot and put it into a movie. However, it is not working, there is just a black screen. This is the main part of my 'Readdata':

```
c1=contour(data,x,y,rgb_table=33,/fill,c_value=userlevels,$
```

```
Position=[0.1, 0.15, 0.9, 0.90],c_color=indgen(levels),$  
title=['Density at t =' + string(time)],,/overplot)
```

Except of the overplot command, there is no specification how to handle the window.

If I use the following command, I can see the title of my plot in a movie, but no contour plot:

```
loadct, 1  
set_plot,'z',/copy  
device, set_resolution=framedims, set_pixel_depth=24, decomposed=0  
  
for i=0,nframes-1 do begin  
  filename = 'DATA_000' + strtrim(i,2) + '.tab'  
  readdata,filename  
  
  xyouts, 0.5, 0.9, 'IDL TITLE', align=0.5, charsize=2, /normal  
  timestamp = video.put(stream, tvrd(true=1))  
endfor
```
