
Subject: saving mpeg is very slow

Posted by [kostis](#) on Thu, 31 May 2007 16:47:32 GMT

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I try to save a movie of a trajectory using the following routine..
Since IDL plots every frame on my screen the whole thing is EXTREMELY
slow.. How can i do this without viewing each frame on my screen? I
think this is done with Z buffer but i dont know how to include this
in my routine:

```
; number of frames
nfr=100
; spatial size
xsize=200
ysize=200

; open mpeg
mpegID=MPEG_OPEN([xsize,ysize])

; loop over frames
img_dummy=fltarr(10,10)
SURFACE, img_dummy,$
xstyle=1,ystyle=1,xrange=[-60.0e-7,60.0e-7],yrange=[-60.0e-7,0.0],$
ZAXIS=3,zrange=[0.0,10.0e-5],zst=1,ax=20,az=10,/SAVE,/NODATA

for j=1,nfr do begin
  plots, x((j-1)*10:j*10), y((j-1)*10:j*10), z((j-1)*10:j*10),$
  /T3D,/DATA,Thick=2
  ; add the plot to mpeg
  MPEG_PUT,mpegID,WINDOW=0,FRAME=j-1,order=1
endfor

; save movie and close the file
MPEG_SAVE,mpegID,FILENAME='movie.mpg'
MPEG_CLOSE,mpegID
```
