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Subject: Re: Problems with MPEG

Posted by [David.Chevrier](#) on Tue, 05 Aug 2003 16:55:41 GMT

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```
> Hi,  
> I created a Array 800x600x1000 and saved this as an MPEGfilm with  
>  
> mpegID=MPEG_Open([nx,ny],filename='Stars_size'+StrTrim(String(size),1)+' .mpg  
> ')  
> FOR j=0,frames-1 DO MPEG_Put, mpegID,image=mat_save(*,*,j),frame=j  
> MPEG_Save,mpegID  
> ENDFOR  
>  
> (nx=800,ny=600)  
> (mat_save=800x600x1000)  
>  
> but the problem is, that the mpeg file is 852x600  
>  
> does anyone now, how the parameters have to be set, that the correct size  
> comes out of the routine? it is important, that my file has exactly 800x600
```

If you really want to do this with idl's mpeg object, then try this:

```
mympeg=OBJ_NEW('IDLgrMPEG', QUALITY=100, DIMENSIONS=[800,600])  
FOR x=0, (frames-1) DO mympeg->PUT, mat_save[*,*,x]  
mympeg->SAVE, FILENAME='Stars_size'+StrTrim(String(size),1)+' .mpg'  
OBJ_DESTROY,mympeg
```

BUT!!!! for 1000 frames not only will the mpeg take FOREVER to save and close (even with a really really beefed up computer), the quality will SUCK, no way around it. u are also limited by your ram. search the newsgroup for idl2avi. its the best. download the dll and dlm for it and then run this code:

```
aviParams=AVI_OPENW('Stars_size'+StrTrim(String(size),1)+' .a vi',  
24L, 800L, 600L, FRAMERATE=30, OPTIONS=1)  
;the mpegs i have made with the mpeg4 codec have been excelent  
FOR x=0, (frames-1) DO  
status=AVI_PUT(aviParams,x,(mat_save[*,*,x]))  
status=AVI_CLOSEW(aviParams)
```

it will be much faster and EXTREMELY better quality. and instead of storing the image in your ram, it stores it on your hard drive so it doesnt take any time to save it. it also allows for mpeg4 creation among many other codecs!

good luck  
-dave

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