
Subject: Re: creating MPEG in IDL

Posted by [Kenneth Bowman](#) on Wed, 06 Dec 2006 22:47:18 GMT

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In article <1165444518.289665.290400@f1g2000cwa.googlegroups.com>, "kostis" <kostiskaz@gmail.com> wrote:

```
> I have a sequence of plots which i want to convert to an mpg video
> However, the quality of the mpg created is very bad in comparison to my
> plots.
> How can i increase resolution??
> So far i only managed to change the x and y size of my picture.
>
> I use the following code:
>
> nfr=frames
> xsize=1000
> ysize=1000
> mpegID=MPEG_OPEN([xsize,ysize])
> .....
> (here i do the plotting)
> .....
> mpeg_put,mpegID,WINDOW=0,FRAME=it-1,order=1
> endfor
> MPEG_SAVE,mpegID,FILENAME='movie.mpg'
> MPEG_CLOSE,mpegID
>
> Thanx in advance!!
```

Here are some suggestions aimed at Macs running OS X, but some of this software runs on other systems as well

<http://idl.tamu.edu/mactips/movies.php>

Ken Bowman

Subject: Re: creating MPEG in IDL

Posted by [Brian Larsen](#) on Wed, 06 Dec 2006 23:04:37 GMT

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In my experience the best thing is to write out each image to jpg, gif, png whatever with numeric names and then use quicktime pro (yes its \$30 but it does the best job). One can also use ImageMagick and a few others. I think this was mentioned recently do a quick search of the usenet group.

Cheers,

Brian

On Dec 6, 3:35 pm, "kostis" <kostis...@gmail.com> wrote:

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> MPEG_CLOSE,mpegID
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> Thanx in advance!!
```

Subject: Re: creating MPEG in IDL

Posted by [Karl Schultz](#) on Wed, 06 Dec 2006 23:34:08 GMT

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On Wed, 06 Dec 2006 14:35:18 -0800, kostis wrote:

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```
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> endfor
> MPEG_SAVE,mpegID,FILENAME='movie.mpg'
> MPEG_CLOSE,mpegID
>
> Thanx in advance!!
```

You might try using the IDLgrMPEG object and set FORMAT to 1 to get MPEG2.

Karl

Subject: Re: creating MPEG in IDL
Posted by [Brian Larsen](#) on Thu, 07 Dec 2006 00:12:42 GMT
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how is IDLgrMPEG different than mpeg_put? They are not the same
fundamental back end that does the writing?

I don't have a license for IDLgrMPEG so I can't test this out :(

Brian

Subject: Re: creating MPEG in IDL
Posted by [David Fanning](#) on Thu, 07 Dec 2006 00:15:07 GMT
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Brian Larsen writes:

> I don't have a license for IDLgrMPEG so I can't test this out :(

Licenses are free for the asking.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: creating MPEG in IDL
Posted by [Karl Schultz](#) on Thu, 07 Dec 2006 18:07:12 GMT

On Wed, 06 Dec 2006 16:12:42 -0800, Brian Larsen wrote:

- > how is IDLgrMPEG different than mpeg_put? They are not the same
- > fundamental back end that does the writing?

The mpeg_* functions are just "procedural" wrappers around the IDLgrMPEG object. Unfortunately, mpeg_open doesn't let you change the IDLgrMPEG FORMAT property, which is why I suggested using the object interface.

Karl
