
Subject: Re: MOVIES USING MPEG_PUT
Posted by [Richard](#) on Thu, 03 Dec 1998 08:00:00 GMT
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The mpeg_put with IDL 5.1 has a small bug. If the movie you are creating is taking the images from a graphics window, then the movie is generated in black and white, since the mpeg_put routine uses a TVRD command to grab the graphics window image and does not include the 'true' keyword.

I modified the existing mpeg_put routine (which resides in the IDL library directory) as shown in the extract below. This will work only in colour. You could make it more robust if you wish by using keywords in the call to the function.

I would suggest taking care when modifying library routines, since one could create a mess. I modified the routine as shown, added my changes to the comment section, and saved the procedure as mympeg_put in a different directory.

Modified code extract: (with acknowledgment to mpeg_put author):

```
;; If the window is a GR1 window
  oldWin = !D.WINDOW
  WSET, window
    myImage = TVRD(/true)          ; this is the line that is
modified. (/true) added
  WSET, oldWin
endelse
```

IDL 5.2 seems to have fixed this problem. According to the documentation, IDL 5.2 should have a far better version of mpeg handling as well.

Richard

Acknowledgements to all authors and people implied here. I accept no responsibility for modifications you do, which are at your own risk. Other usual disclaimers apply.

Mark C. wrote in message <3665ff6d.0@news.cadvision.com>...

```
> I have use the MPEG_PUT and the associated commands to make '.mpg' movie
> files in IDL5.1, Window NT platform. The '.mpg' movie files came out black
> &
> white instead of color when viewed with movie viewers (e.g Windows Media
> Player). Questions:
>
> 1) Has any one found a way/fix to the MPEG_PUT problem I described? RSI
> said
> there is a bug in the routine and is looking into it. I need a quick fix.
>
```

> 2) Is there a better/easier method generating movie files in IDL or non-IDL
> packages.
>
> Please email me if you have any suggestion to the above.
>
> Thanks in advance,
> Mark C.
> mychan@petro-canada.ca
>
>
