Subject: Re: MP4/Animated GIF/JPEG woes....(Windows, IDL 8.1) Posted by Juggernaut on Mon, 11 Jul 2011 18:25:14 GMT

View Forum Message <> Reply to Message

On Jul 11, 11:59 am, Daft Pict

strianjmcl...@gmail.com> wrote:

- > I've just started collaborating with some planetary astronomers who
- > tend to use very different tools compared to us traditional
- > observational astronomers :-) It's fun but I'm trying to generate
- > products that they use (and I typically don't) and having some teeth-
- > gnashing moments and screaming at the IDL help pages....

>

- > 1). Creating an MP4 file from a stream of images seems easy
- > according to the help pages and I duplicated the example code. The
- > resulting file is playable on my windows box using media player, but
- > not when using QuickTime on either windows or their Mac systems.

>

- > 2) Animated GIFs again seem straightforward, except that write_gif
- > appears to reset my color table so I lose the color in overlays over
- > images. I pass in the current RGB values from the common block after
- setting my tables but the gif file is B&W and the RGB arrays are all
- > reset!

>

- > 3) Even tried animated JPEG since the help pages describes how to do
- > it, but the sample code doesn't work as I get an error when trying to
- > use the unit option even though it is described in the help....

>

- > Venting over if anyone has some suggestions as to what causes any of
- > these problems or have solved these issues, are please let me know
- > cheers Brian

For anyone who doesn't have IDL 8.1 and would like to create high quality videos...just look at the ffmpeg toolset. It lets you create a wide variety of encoded video formats and takes something as simple as a series of images or you can delve into their C++ API to write your own video creation code.