
Subject: Re: 16 bit greyscale / grayscale videos
Posted by [mankoff](#) on Wed, 20 Jan 2010 16:34:42 GMT
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On Jan 20, 7:43 am, DavidPS <dps.he...@gmail.com> wrote:
> On Jan 20, 2:48 pm, 2...@onetel.com wrote:
>
>> I'd like to generate 16-bit greyscale videos to retain the full
>> sensor
>> fidelity and be able to replay them on the standard (free) video
>> players. Is this possible in IDL 6.0?
>
>> I'm thinking with medical and infra red imaging, high quality imaging
>> sensors, and processing power 16-bit greyscal video should be doable
>> now without too much difficulty. Does anyone have any suggestions
>> about how to go about generating and displaying 16-bit video.
>
>> many thanks,
>> Neil
>
> Hi Neil,
>
> I haven't done much videos with IDL, I'd never been very happy with
> the results. What I've used is FFMpeg, first I save the frames on
> jpeg (or other format you like) and then make a video with ffmpeg in
> your favourite format. Ffmpeg is opensource and offer a big list of
> formats (<http://en.wikipedia.org/wiki/FFmpeg>).
>
> In linux what I do with image-0000.jpg to image-nnnn.jpg is:
> ffmpeg -r 20 -b 15M -i image-%04d.jpg film.mp4
>
> Cheers,
>
> David

I don't think JPEG will hold 16 bit color. PNG will, and then use some
3rd party software to animate the sequence of PNGs.
