Subject: Re: 16 bit greyscale / grayscale videos
Posted by DavidPS on Wed, 20 Jan 2010 15:43:19 GMT

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