Subject: Re: Creating JPEG files
Posted by David Fanning on Wed, 09 Oct 2002 15:12:06 GMT

Mike Jewison (m_jewison@hotmail.com) writes:

> I have a short program which generates a 2D plot using a standard call
> to the PLOT procedure, displaying to the X-windows device. I would
> like to also have this plot dumped to a JPEG file for display on a web
> page. Although the plot looks just fine on the screen, when I issue
> the following command:
>
> WRITE_JPEG, JPEG_File, TVRD()
>
> the resultant JPEG file has very little contrast (i.e. it's basically
> near-black on black). I know the WRITE_JPEG procedure is better
> suited to images rather than plots, but is there (a) a better way to
> create a JPEG file of a plot rather than what I'm doing, or (b)
> another file format which IDL supports that would do a good job of
> creating a web-compatible image format? I used to use the WRITE_GIF
> format until IDL dropped support for it.

Try TVREAD:

  http://www.dfanning.com/programs/tvread.pro

You would use it like this:

  IDL I = TVREAD(/JPEG)

The results are guaranteed to be perfect. :-)

Cheers,

David

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