
Subject: Re: write_PNG

Posted by [Michael Wallace](#) on Fri, 17 Sep 2004 15:18:05 GMT

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> If I remember right, it's not really an 8-bit or 24-bit issue. It's
> that WRITE_PNG expects the image to be interleaved over the first
> dimension. I usually interleave 24-bit images over the 3rd dimension,
> so I have to remember to set TRUE = 1 in TVRD.
>
> I don't have an 8-bit display to test it with. Is TRUE = 1 ignored in
> that case?

I really don't know if it's ignored or not.

My 8-bit vs 24-bit comment was based on the documentation in TVRead.
One thing I had forgotten about TVRead() is that a file output option is
included, so just one call to TVRead() will be able to read the display
and write an image file.

--- From the documentation ---

To get accurate screen dumps with the IDL command TVRD on 24-bit PC and
Macintosh computers, you have to be sure to set color decomposition on.
This program adds that capability automatically. In addition, the
program will optionally write BMP, GIF, JPEG, PICT, PNG, and TIFF color
image files of the screen dump.

```
image = TVREAD(xstart, ystart, ncols, nrows)
```

The returned image will be a 2D image on 8-bit systems and a 24-bit
pixel interleaved true-color image on 24-bit systems.
