

Re: Multi-layer/Photoshop vs multi-slice/ImageJ

Source: <http://sci.tech-archive.net/Archive/sci.image.processing/2007-02/msg00163.html>

- *From:* "ImageAnalyst" <imageanalyst@xxxxxxxxxxxxxx>
 - *Date:* 19 Feb 2007 14:27:55 -0800
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bret:

I'm not sure. In Photoshop, when you go to save your multilayered document as tiff, and the Layers checkbox is checked, it brings up a bunch of options, like Image Compression, Pixel Order, ByteOrder, etc. Could it be that imageJ only interprets it if it is written out in one certain specific way. I wrote out a 2 layer RGB image from Photoshop CS2 and read it in with ImageJ v1.37 and it read in but all the layers were combined into a single RGB image in ImageJ (same as you I think, unless you only got the first layer). Photoshop read it back in correctly as a 2 layer image.

Adobe is the keeper/administrator of the TIFF standard. (See <http://www.adobe.com/go/13da4f4>) So I would tend to side with Adobe should there be any disagreement or discrepancy. They also say "In order to avoid conflict with other developers, we encourage developers to contact us and register for a block of private application-specific or proprietary tags. We will assign you one to five TIFF tags at no charge.

To request private TIFF tags, send an e-mail message to the Adobe Solutions Network Developer Program at psdevsup@xxxxxxxxxx Please include your name, company name, address, phone, fax, e-mail, number of tags requested, and what the tag(s) will be used for."

Adobe seems like a pretty benevolent keeper of the standard. I wonder if ImageJ cooperated with Adobe when developing their tiff-writing code. My guess would be that ImageJ is not writing out correctly (after all if ImageJ wants to make standard images, they have to conform to the standard, not the other way around, and Adobe controls the standard.)

Would you consider posting an ImageJ macro that demonstrates what you're talking about?

Regards,
ImageAnalyst

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On Feb 15, 8:24 pm, "bret" <ethid...@xxxxxxxxxx> wrote:

Re: Multi-layer/Photoshop vs multi-slice/ImageJ

Can anybody explain me the compatibility between Adobe Photoshop multi-layer tiffs and ImageJ stacks? If I create multi-layer tiff in Adobe Photoshop and then open it in ImageJ, I have only the flat image and loose my layers. And vice versa, when I create stack in ImageJ and save it as tiff, Photoshop will open this file with only first slice. Is there any plugin or other way to solve this issue?
Thanks in advance!