
Subject: Superimpose Two Images

Posted by [vikramivatury](#) on Tue, 26 May 2009 20:43:18 GMT

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Hello,

I am currently an intern working on a project at the University of Maryland. I was wondering if there is anyway of superimposing two TIFF images over each other? For example, let there be a background and a foreground image.

Any help would be great.

Thanks,
Vikram

Subject: Re: Superimpose Two Images

Posted by [David Fanning](#) on Thu, 04 Jun 2009 16:17:08 GMT

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vivatury@umich.edu writes:

> Does TVIMAGE only display 24-bit images, or is there a way to display
> 32-bit images as well?

The latest version of TVIMAGE will allow 32-bit images, although it doesn't do anything with the alpha channel except ignore it.

<http://www.dfanning.com/programs/tvimage.pro>

Cheers,

David

--

David Fanning, Ph.D.

Coyote's Guide to IDL Programming (www.dfanning.com)

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Superimpose Two Images

Posted by [David Fanning](#) on Thu, 04 Jun 2009 16:26:20 GMT

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David Fanning writes:

> The latest version of TVIMAGE will allow 32-bit images,
> although it doesn't do anything with the alpha channel
> except ignore it.
>
> <http://www.dfanning.com/programs/tvimage.pro>

Well, now that I look at this, it doesn't appear to be true. Instead, it appears to create a white background image and will use the alpha channel to blend the white background with the image, using the alpha channel to do the blending. This allows the transparent 32-bit PNG images I was using as test cases to be displayed properly.

The alpha channel *is* ignored, if it contains a single value. In other words, if the MIN(alpha) EQ Max(alpha).

Cheers,

David

--

David Fanning, Ph.D.
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
