Subject: multi-layer tiff file
Posted by greg.addr on Sat, 05 Jul 2014 12:08:45 GMT
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Anyone know a way to generate a multi-layer tiff from IDL (or any other format which would open in photoshop with images in separate layers)? I tried this:

IDL> a=dist(400)
IDL> b=bytscl(findgen(400,400))
IDL> c=[[[a]],[[b]]]
IDL> write_tiff,"d:\tmp\test.tif",c,planarconfig=2

but Photoshop doesn't like it (although Photoshop can read/write multi-layer tiffs). I'm hoping to create a ~100 layer image file.

cheers,
Greg

Subject: Re: multi-layer tiff file
Posted by greg.addr on Sat, 05 Jul 2014 12:10:36 GMT
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...I meant

 a=bytscl(dist(400))

Subject: Re: multi-layer tiff file
Posted by Heinz Stege on Sun, 06 Jul 2014 23:54:07 GMT
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Hi Greg,

I don't use Photoshop. Therefore I don't know, how Photoshop creates and reads "multi-layer TIFFs". You may try to create a multi-image TIFF file in the following way:

a=bytscl(dist(400))
b=bytscl(findgen(400,400))
write_tiff,"test.tif",a
write_tiff,"test.tif",b,/append

I don't know, if this works.

Cheers, Heinz

Subject: Re: multi-layer tiff file
Posted by greg.addr on Mon, 07 Jul 2014 08:39:04 GMT

Hi Heinz,

Thanks for the idea. Unfortunately, in this case Photoshop doesn't see the second image at all. I think I'll have to give up on that plan.

cheers,
Greg