
Subject: Re: to convert 3d array to 2d array

Posted by [Michael Galloy](#) on Tue, 14 Jul 2015 14:08:31 GMT

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On 7/14/15 4:35 AM, SP wrote:

> I have an image array of 835*827 pixels The total size is image array
> [835, 827, 3] I want to apply gradient function in this image, so
> idl is asking to give a 2d image array as input. Can anyone tell me
> on How to convert this 3d image array to a 2d array... Thanks....
>

If your gradient function wants a 2D array, then you will have to do the
bands of your image separately, i.e.:

```
im[*, *, 0] = your_gradient_function(reform(im[*, *, 0]))  
im[*, *, 1] = your_gradient_function(reform(im[*, *, 1]))  
im[*, *, 2] = your_gradient_function(reform(im[*, *, 2]))
```

Mike

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Michael Galloy

www.michaelgalloy.com

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)
