
Subject: multiplying two image arrays with different size
Posted by [gunvicsin11](#) on Thu, 20 Oct 2016 05:12:51 GMT
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Hi all,

I have one image of say image1 4096 by 4096 and the valid data in this is 3400pixels in diameter.

Then I have some 500 images of different size say image2 3468 by 3468,....3458 by 3458, etc the valid data is of 3400 pixels in diameter

now i need to multiply image 1 * image 2 that is i need to get the multiplication done for the valid data only.

please let me know if you have some ideas.

thanks

Subject: Re: multiplying two image arrays with different size
Posted by [Craig Markwardt](#) on Thu, 20 Oct 2016 12:01:51 GMT
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On Thursday, October 20, 2016 at 1:12:54 AM UTC-4, sid wrote:

> Hi all,

> I have one image of say image1 4096 by 4096 and the valid data in this is 3400pixels in diameter.

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> now i need to multiply image 1 * image 2 that is i need to get the multiplication done for the valid data only.

>

> please let me know if you have some ideas.

>

> thanks

OK. I have some ideas. What kind of ideas do you have?

Subject: Re: multiplying two image arrays with different size
Posted by [Michael Galloy](#) on Thu, 20 Oct 2016 15:37:05 GMT
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On 10/19/16 11:12 pm, sid wrote:

> Hi all, I have one image of say image1 4096 by 4096 and the valid

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> multiplication done for the valid data only.
>
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>
> thanks
>

Something like:

```
mx = x location of valid data in main image  
my = y location of valid data in main image  
x = x location of valid data in one of the 500 images  
y = y location of valid data in one of the 500 images  
w = 3400 - 1  
main_image[mx:mx + w, my:my + w] *= other_image[x:x + w, y:y + w]
```

Mike

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Michael Galloy

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