
Subject: How can I check an image loaded correctly into matlab?

Posted by [Dry in water](#) on Mon, 10 Dec 2012 10:34:05 GMT

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Hello all ,

I have 2 questions for you gys.

1. How can I check an image loaded correctly into matlab?
2. How big image can be displayed in matlab? It is possible to display huge images like (12689,4562,7).

Thanks a lot

Subject: Re: How can I check an image loaded correctly into matlab?

Posted by [Russell Ryan](#) on Mon, 10 Dec 2012 17:42:32 GMT

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As far as I know IDL doesn't have a limit on the size of the image/data to store. Well, I guess you can only store up to as much memory you have and/or bits to address --- a 32 bit computer will only hold around 2 Gb per data array. Your size (12689,4562,7) should be fine. If it's floating point numbers, then it'll be around 2 Gb. So you need a 64 bit computer with more than 2 Gb of RAM and you should be fine.

Now, displaying such a beast may be another problem. I'd use imdisp.pro (download it on the [www](#)) to display images (I'm an astronomer and that seems to be the best bet for me). But, it won't know what to do with an image that 7 extensions --- it can only handle RGB data. Now if you truly have 7 colors, then you'll need to find some other way of displaying that. If you find something useful for that in IDL, then please let me know! I'd love to have that in my toolbox...

Good luck,
Russell

On Monday, December 10, 2012 5:34:05 AM UTC-5, Dry in water wrote:

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> Thanks a lot

Subject: Re: How can I check an image loaded correctly into matlab?

Posted by [David Fanning](#) on Mon, 10 Dec 2012 18:54:56 GMT

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rryan@stsci.edu writes:

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With cgImage I would do something like this:

```
cgImage, image[*,*,[6,2,1]], Stretch='clip'
```

I presume something similar can be done with ImDisp.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

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