
Subject: Re: cropping jpeg image
Posted by [Dick Jackson](#) on Thu, 18 Jun 2015 04:41:15 GMT
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On Wednesday, 17 June 2015 21:27:12 UTC-7, Shaktivel Pillai wrote:
> On Wednesday, June 17, 2015 at 11:46:34 PM UTC+5, Phillip Bitzer wrote:
>> On Wednesday, June 17, 2015 at 8:44:26 AM UTC-5, kpa...@gmail.com wrote:
>>> i have opened a jpeg image in idl using
>>> tv,image,true=1
>>>
>>> now i want to crop only the central region of the sun where sunspots are present.... for these
i used the cursor command and placed it in low left and right---got the co-ordinates----and then
placed the cursor at right top--got the x and y.....then i used image=image[low x:topx,lowy:topy]
>>>
>>> but im not getting the image cropped....instead getting
>>> % subscript range values of the form low:high must be >=0,<size,with low<=high:image
>>
>> What are the values for low_x, top_x, etc? What are the dimensions of image?
>
> low x=44.53
> low y=359.79
> top x=163.05
> top y=435.64
>
>
> still im not getting the image cropped..please help me in this

On Wednesday, 17 June 2015 16:27:49 UTC-7, jim...@gmail.com wrote:
> Considering:
>
>> i have opened a jpeg image in idl using
>> tv,image,true=1
>
> This means that the image array is pixel interleaved, with dimensions like:
>
> [3,n,m]
>
> To crop the image you need to specify all three dimension in the array, for example:
>
> image=image[* ,lowx:topx,lowy:topy]
>
> I hope this helps.
>
> -Jim

Hi,

May I gently assure you that all three of these are worth your full attention:

- the error message from IDL
- Phillip's *entire* reply to you (both questions--you didn't answer the second one)
- Jim's excellent insight

I'm quite certain that the answer will come when you take all of those to heart.

Cheers,
-Dick

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