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Subject: Re: cgImage trim

Posted by [David Fanning](#) on Wed, 11 Nov 2015 13:43:15 GMT

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Amin Farhang writes:

>  
> Dear all,  
>  
> I have an image in a specific range like bellow:  
>  
> cgDisplay, 500, 500  
> cgplot,dist(200),xrange=[-300,300],yrange=[-300,300],/nodata  
> cgImage, cgDemoData(5), CTIndex=33,AlphaFGPos=[0.128, 0.126, 0.925,0.9],Transparent=20  
>  
> How could i only display the region between xrange=[-100,100] and yrange=[-100,100]? i.e. the  
axis range show above ranges and image automatically zoom in that region?

You determine which image indices correspond to those axis values and subset your image appropriately. I like to use Value\_Locate, usually in conjunction with cgScaleVector, to determine the image indices associated with particular values.

[http://www.idlcoyote.com/code\\_tips/valuelocate.html](http://www.idlcoyote.com/code_tips/valuelocate.html)

Cheers,

David

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

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

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