
Subject: Re: clipping images with TV?

Posted by [Craig Markwardt](#) on Fri, 07 Mar 2003 15:50:33 GMT

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egraves@socrates.Berkeley.EDU (Ted Graves) writes:

>> Are you speaking from something like

>>

>> ;+

>> ; NAME:

>> ; reduce_image_size

>> ;

>> ; PURPOSE:

>> ; This function returns the mask to reduce the white space around a given

>> image

>

> Maybe I should have better elucidated what I want to do. I'm displaying
> an image with overlaid annotation and ROIs. When I display this to a draw
> widget, obviously anything that lays outside the window is not drawn. I
> want this to extend to when I display on a postscript page, so that parts
> of the image/ROI/annotation that lay outside a given area are not drawn.
> For PLOTS and XYOUTS, you can specify a clipping window using the CLIP
> keyword, so that graphics outside this window are not drawn. I was
> wondering if there was a simple way to do this for images as well, because
> (at least in IDL 5.4) the CLIP keyword does not apply to the TV procedure.

Something like PLOTIMAGE may suit you. You specify the X and Y extents of the image using IMGX/YRANGE, and then can use the standard X RANGE and Y RANGE keywords to clip the image to a smaller size if you desire. You get a coordinate system for free, but you can turn off coordinate axes as you normally would with any PLOT command (XSTYLE=4, YSTYLE=4).

Craig

<http://cow.physics.wisc.edu/~craigm/idl/idl.html> (under graphics)

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