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Subject: Extracting ROI without IDL objects is it possible  
Posted by [Nuno Oliveira](#) on Thu, 22 Jan 2004 16:11:54 GMT  
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I'm having a little trouble with extracting ROI with IDL. I'm trying to make a little application for temporary use while I don't learn how to manage IDLanROI objects.

Suppose I have a variable image from I want to extract the ROI and that I've defined a draw with widget\_draw function. Then I make:

`ROI=cw_defroi(draw)` ;and here I draw my region of interest

How can I visualize my region of interest

I can define a second image, per example `image2=FLTARR(xdim, ydim)`

And make `image2=image(ROI)` and do TV, image2 and I see only my roi but I want to see both, i. e., the roi over the image, perhaps with another colour

(`cw_defroi` does it in part, but I want save those roi indeces and calling back in the future and also apply from the window that defines the roi to others)

It would help another thing, get the boarders of the roi, and make it red, blue, white.

Cheers,

N.

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