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Subject: Re: Image and ROI Help

Posted by [James Kuyper](#) on Fri, 27 Oct 2006 14:27:54 GMT

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Jimoid wrote:

- > I am a novice at IDL and would like some help please. I am working with
- > dicom files and extracting the image contained within and the ROI data.
- > The ROI data is not straight forward and I have to manipulate it a
- > little to get it into coordinate pairs.
- >
- > My next stage is how to use the ROI data to select the region of the
- > image. As I see it there are two possibilities:
- >
- > (i) a graphical approach where I turn the ROI data into a polygon and
- > use it mask the image, or
- > (ii) a computational approach where I take the image data values and use
- > the ROI coordiante data to calculate the image ROI information I need.
- >
- > My feeling is that the second approach would be better as it is more
- > direct; the first approach uses an extra graphical step to arrive at
- > the same result. What do others think?
- >
- > My second question is can anyone suggest methods for the second
- > (computational) approach? I have been thinking that I could create an
- > array filled with zeros the same size as my image, and use the ROI data
- > to create an area within the array filled with ones and then multiply
- > the two arrays. I am sure there must be better methods however.

Have you looked at `IDLanROI::ComputeMask()`?

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