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Subject: Mask to ROI

Posted by [Erik\[1\]](#) on Fri, 02 Feb 2007 14:28:57 GMT

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Hi Folks,

A time ago I asked if I could cut a piece out of a ROI. Now I've created a mask of the ROI and edited the mask the way I wanted it to. This worked good for my analysis results, but I want the user to see the cutted ROI so I have to edit the DATA array from the ROI to modify the displayed ROI. This leads to the following question;

Is there a way to convert a mask into a ROI Data Array??

For example:

Mask[5,5]

00000

00100

01110

00100

00000

Needs to become:

ROIData [ [2,1,0],[3,2,0],[3,3,0],[1,2,0] ]

Please note that the ROI can be drawn when the first coordinate is connected with the second and so forth. The centered value in the mask should not be saved in the result; I only want the boundary points to draw my ROI.

I've tried to figure out a algorithm to trace the border when I got the first point, but this takes much time and I wonder if there ain't any simpler way to do it...

Help would be really appreciated!!

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