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Subject: Scale many regions in one image without using xroi

Posted by [eeaal](#) on Mon, 08 Oct 2012 13:12:52 GMT

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Hi,

I've been searching all morning and can't find an answer to a problem I'm having:

I have two 2-D arrays which have clusters of 1s in an array of 0s. I'm interested these clusters (shapes). Some of the shapes are present in both arrays, some are missing from one or the other and in array 2 the shapes are too small. I want to scale up the shapes in array 2 so that the coincident shapes are the same size in both arrays. I can use `label_region` to find the shapes and calculate a correction factor. I just need a way to scale the shapes, presumably by growing them from a central point.

Any ideas? I want to include this in a program which loops round hundreds of images so using XROI is not really an option...

Thanks in advance.

AA

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