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Subject: Re: Scale many regions in one image without using xroi

Posted by [Yngvar Larsen](#) on Wed, 10 Oct 2012 14:03:59 GMT

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On Monday, 8 October 2012 15:12:52 UTC+2, (unknown) wrote:

> 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?

How about using a morphological operation like "dilate"?

<http://www.exelisvis.com/docs/DILATE.html>

(Wohooo! Finally a way to link to official documentation!)

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Yngvar

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