Posted by eeaal on Thu, 11 Oct 2012 10:31:49 GMT

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On Wednesday, October 10, 2012 3:03:59 PM UTC+1, Yngvar Larsen wrote:
> On Monday, 8 October 2012 15:12:52 UTC+2, (unknown) wrote:
>
>> Hi,
>
>>
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>
>> 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?
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>
> How about using a morphological operation like "dilate"?
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>
> http://www.exelisvis.com/docs/DILATE.html
>
>

>
> (Wohooo! Finally a way to link to official documentation!)
>
>
>
> --
>
> Yngvar

Thanks Yngvar,

I did try dilate but nothing happened; I expect I used it wrong as I didn't really understand it. Cold you give me an example of how it could be used in this case?

Amb