Subject: Re: Scale many regions in one image without using xroi
Posted by Brian Daniel on Tue, 09 Oct 2012 15:20:48 GMT
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Without knowing all the gritty details, I suggest that given a scaling factor (xscale, yscale),

```
s2 = size(array2)
scale_array2 = Congrid(array2, s2[1]*xscale, s2[2]*yscale)
```

Optionally, you can crop your carray2 back to the original size.

```
new_s2 = size(scale_array2)  ; new dimensions
tmp =  Shift(carray,-1.0*(new_s2[1]-s2[1])/2.0,-1.0*(new_s2[2]-s2[2 ])/2.0) ; shifts to new 0,0
location
crop_scale_array2 = scale_array[0,s2[1]-1,0,s2[2]-1]   ; crop
```

-Brian

On Monday, October 8, 2012 9:12:52 AM UTC-4, (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, presumeably
>
> 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
