Subject: Re: Contour
Posted by VU KHAC Tri on Fri, 30 Apr 1999 07:00:00 GMT
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Hi,
Suppose you have 2D BW image (0-black, 1-white)
img1 = AddBorderToImage(img, 1, 1, 1, 1)
img2 = shift(img1,1,1)
img3 = shift(img1,0,1)
img4 = shift(img1,-1,1)
img5 = shift(img1,0,1)
img6 = shift(img1,0,-1)
img7 = shift(img1,-1,1)
img8 = shift(img1,-1,0)
img9 = shift(img1,-1,-1)
My_Contour = (img1 EQ 1) AND ((img1 NE img2) OR (img1 NE img3) OR (img1 NE img4) OR ...(img1 NE img())
My_Contour = TrimBorderOfImage(My_Contour, 1,1,1,1)

My_Contour now is the image of the contour of BW image.
Regards,
Tri.

> Ciao,
>
> I want to extract the contour of lungs in CT-images. Therefore I created
> an black/white image, where the threshold can be selcted by the user. I
> want to overlay the resulting contour of black/white image with the
> original image. Unfortunatly the returned contour is tiny and is not
> congruent with the original. How can I magnify the contour and fit it in
> the given frame?
> So far my code is looking like that:
>
> contour, contrast,path_xy=x,y,Path_info=pafo
>
> FOR I=0,(n_Elements(pafo)-1) DO BEGIN
> s=[indgen(pafo(I).N),0]
> Ploats,xy(*,pafo(I).Offset + s),/Norm
> ENDFOR
>
> Regards, Ruth