Subject: Re: creating elliptically shaped images
Posted by David Fanning on Mon, 24 Nov 2003 15:55:21 GMT
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mark writes:

> I'd like to form an image which has an elliptical shape and where all
> the pixels within this ellipse have values corresponding to any given
> function that I would specify, the simplest example being a uniform
> image (i.e. a value of 1 for all the pixels in the ellipse). Is there
> any nice way to do this in IDL or MATLAB other than looping through
> all the pixels and determining whether any given one lies within the
> ellipse?

I'd use the IDLanROI object to make an ROI out of
your ellipse. Then you can easily create an image
mask, see if a point is inside or outside the ROI, etc.

Cheers,

David

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