Subject: Re: creating elliptically shaped images
Posted by Paul Sorenson on Wed, 03 Dec 2003 23:03:21 GMT

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mruschin@hotmail.com (mark) wrote in message
news:<a9116224.0311240712.618f4088@posting.google.com>...
>> 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?
>
This sounds like a job for IDLanROI::ContainsPoints. It can identify what
points are in a region without requiring a loop.

-Paul Sorenson