Subject: Re: Shape to raster
Posted by David Fanning on Mon, 31 Oct 2011 14:54:01 GMT
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Fabzou writes:

> I have an other question though. How will the IDLanROI object
> "understand" the XY coordinates [0.5,0.5]? In my conception, these
> coordinates correspond to the center of the first down left pixel, but
> my first tests tend to show that this may not be the case...

Oh, my gosh! I just spent a week worrying about this
in conjunction with an update of my Active Contouring
software! I don't use an IDLanROI object there, because
I want to do this myself and completely understand what
I am doing. In *my* ROI, the [0.5,0.5] location would
indeed be the center of the first pixel. I don't know
off-hand what the IDLanROI object will do. And I have
no compelling interest in looking into it this morning,
either. It makes my head hurt. :-)

Cheers,

David

P.S. If you are going to test this, however, I would
test with the values 0.45 and 0.55, not the value 0.5.
At some point, you are going to have to do some rounding
if you want image or device coordinates. The question
you want to answer is how the rounding is done.

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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")