
Subject: Re: ROI on map

Posted by [David Fanning](#) on Mon, 18 Sep 2006 17:55:42 GMT

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catwiththat writes:

- > Does anyone have a routine that allows you to define a region of
- > interest. ROI on a map projection? (direct graphics). For example, I
- > would define a map project, overlay a contour plot and then want to
- > interactively select region. The routine would return the vertices of
- > the perimeter of the polygon.

And the problem is....what!?

This is no different from drawing any other line on a draw widget. Convert your positions (returned in DEVICE coordinates) to your map coordinates with CONVERT_COORD. Just be sure you save your data coordinate space (!X, !Y, and !MAP) after you draw your map so you can restore it before you do the coordinate conversion.

This article might help:

http://www.dfanning.com/widget_tips/line_on_image.html

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
