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Subject: Mapping questions

Posted by [nstsmt](#) on Fri, 21 Jun 2002 00:32:17 GMT

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Hi,

I am new to IDL, and am hoping someone can point me in the right direction to accomplish the following 3 tasks. Any advice would be greatly appreciated.

Task 1: Start with a globe and some form of overlay to show land forms. Allow the user to zoom in on an area, and show more detail in the map.

Task 2: After zooming to a specific area (say Alabama), I have image data that has a associated pixel map that has the UTM coordinates for each and every pixel from the image. I would like to plot on the map the location of each pixel(or really just the outer edge of the image which do to motion is not a square)

Task 3: I also have some annotations to apply to the map. At a given latitude and longitude, I want to draw a circle with a radius of 1.0 nautical miles.

Any thoughts on how to accomplish any of this? I looked at the globe demo, and I understand how that works, but I dont know how to zoom.

Thanks for any help that you could provide.

Neil Talsania

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