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Subject: question about variable intersection

Posted by [Daniel Otis](#) on Mon, 30 Dec 2013 23:33:34 GMT

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I have a 255x238 array which represents a geographic study area.

I have also defined five different irregular subsegments of this area using defroi. These subsegments are in the form of longword integer arrays of varying lengths, as the subsegments are of different sizes.

I now also have some point data, in the form of latitude and longitude values, which I convert to x and y values within the 255x238 array.

My question is, how to find if a point location is within one of the irregular subsegments. So, I have an x and y value which I am trying to check against a longword integer array, which obviously will not work.

Somehow, I need to convert the x/y values into a longword integer value to check against the irregular subsegments.

Any ideas are appreciated.

Dan

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