
Subject: Re: Problems with tying ROI's to image
Posted by [David Fanning](#) on Wed, 17 Jun 2009 22:01:45 GMT
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Lauren Hunkins writes:

> I'm currently trying to create a program that prints out statistics
> from ROI's created by a geologist. I keep having an error message
> come up.
>
> *****
> class_stats_doit: An error has occurred during processing
>
> Error: "Array dimensions must be greater than 0." The result may be
> invalid.
> *****
>
> I have read most of the posts that contain this error message and
> haven't been able to find anything that will help me solve my
> problem.
>
> My mentor and I came to the conclusion that the ROI was not being tied
> to the image. We tried using some sample code from ENVI help that
> simply created and defined an ROI, but when we opened the image the
> ROI was not present. It seemed like there were some discrepancies in
> the ENVI about exactly how the image and the ROI are tied together. I
> have included the code for the program I wrote, as well as the code
> from the book that didn't seem to do anything.

Oddly enough, I've spent more than a few hours myself this week with the very same error message from ENVI. I don't know anything at all about your problem, but I have developed a new rule of thumb for ENVI which at least got me past the error. (Alas, my program still doesn't run correctly for God only knows what reason. I was just about to write a post about it.)

My rule of thumb is this. ENVI uses a *lot* of required keywords in its code. This goes against everything I know and believe about keywords, but there you are. You have to be *extremely* careful to supply these keywords or you more often than not get exactly this kind of error. Maybe that is a good place to start looking.

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.")
