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Subject: Editing Shapefile

Posted by [Adakite](#) on Sun, 14 Feb 2010 10:49:40 GMT

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Hi Folks.

I creat an little app under IDL (ver. 7.0.1) able to open and display a DTM (Digital Topo Model) as a countour map. No big deal !  
When running my program, I have a window with my countour map displayed exactly in the same way ENVI does.

In addition, I wrote a procedure inside the same program, that outputs my countour map into a shapefile and saves it (e.g., \*.shp. Piece of cake !

So, What I am trying to do now is quiet tricky, I know! I would like to open and display this shapefile, containing elevation information (this is already done actually), so as to edit it by two ways:

(1) able to change "by hand" the elevation attribute of each curve inside the shapefile displayed (e.g. when I select with mouse a specific coutour line, get a text box pop-up with elevation attribute, and the edit it and save.

(2) still mouse selected countour line in this shapefile, so as to obtain discret points lying along the countour line. Then I once I selected one of these points I would like to move it on the map (meaning that the countour line will be reshaped/remodeled).

I am prettry srure that all of these features are possible, as I for instance drawing stuff on a image is possible under IDL (I already know how to do that). So my question is specifically focused on how to select an object from contour line (or shapefile) in a window. Then I will focus on how to move this object. And then how to save it into shapefile of anything else.

The aim of this program is thus a map editor. I know that such kind of app still exists but, this is actually just a piece of a more wide feates of my app, which is able to handle a lot of others stuffs. But this is another story.

Anyways, thanks a lot for any idea/feedback

Cheers,  
A.

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