

MapPro71.OCX Rel. 2 - Using it with Microsoft Visual Studio 2005 C# Development Environment

(A) Don't know how to access the various methods/properties of the MapPro71.OCX. They do not seem to be available.

The use of MapPro71.OCX in different development environments depends on the environment's requirements, and the developer that is using that environment has more expertise in it than us. Having said that, the most likely scenario is that the process used to register and import the control's interface was not completed successfully. Here are some simple steps to register the control, add an instance to a project form and access its properties and methods.

1. Make sure the MapPro71.OCX control is registered in windows (you do that by running REGSVR32, a windows tool.
2. Start .NET 2005 Environment and select a new C# Windows Application. A blank form (Form-1) should be placed in your project.
3. Make sure the Toolbox is Visible (Ctrl-Alt-X)
4. Select one of the tabs in the toolbox (usually General)
5. Select the Tools menu command and then select "Choose Toolbox Items"
6. Select the "Com Components" tab
7. Scroll down, locate the "MapPro71 Control (MapPro)" entry and select it. If the control is not listed, please see item #1.
8. Click OK. That should add the control to the toolbox
9. Select the control from the toolbox and place an instance of it on the form (Form-1) from step 2.
10. Right-click on the instance on the control on the form, select properties, select the Installation tab and enter the Developer Code and password provided to you. You may also select...
11. Click on Apply, click on O.K.
12. Select the Common Controls tab in the Toolbox, select the button object and place an instance of it on the form.
13. Double-click on the button instance to go to the button's onClick section of the code.
14. The MapPro71.OCX imported interface name should be axMapPro1, so type "axMapPro1." (without the quotes). When you type the period, the members of

axMapPro1 should appear in the auto-completion wizard. The first one should be AboutBox. Highlight it and press the tab key to enter it in the code. Complete the function call by adding "();". (without the quotes). So the end result, in the code, should be:

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axMapPro1.AboutBox();
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15. Run the project. If you click on button1, the MapPro71.OCX about box should appear.

A similar approach is used to access the rest of the properties/methods available in the MapPro71.OCX control.

(B) I was able to access the methods/properties, and I can see the main USA map, zoom in, etc., but I cannot see any of the street-level data.

Most of the time this behavior is caused by one or more properties not being properly set. Here is a list of things to do in order to trouble shoot this behavior.

1. Make sure the data path properties are set correctly.
 - a. axMapPro1.Path_data1 - should be pointing to the folder where the DATA1 contents of the distribution CD were copied.
 - b. axMapPro1.Path_data2 - should be pointing to the folder where the DATA2 contents of the distribution CD were copied.
 - c. axMapPro1.Path_data3 - should be pointing to the folder where the DATA3 contents of the distribution CD were copied.
 - d. axMapPro1.Path_data4 - unless you have also purchased a license for the Premium Points of Interest database, this setting has no bearing. If you have a license to the POI dataset, this should be pointing to the folder where the data from the POI distribution CD were copied.
 - e. axMapPro1.Path_states0 - should be pointing to the folder where the STATES contents of the distribution CD were copied.
 - f. axMapPro1.Path_states - this can also point to the same path as axMapPro1.Path_states0, or it can be blank. Review the manual for details regarding the use of dual states paths.
2. Make sure the axMapPro1.DataSource property is set to the appropriate enumerated value, depending on which dataset you are using (e.g., Tiger, TeleAtlas/GDT USA, TeleAtlas/GDT CANADA, etc.)
3. Make sure the appropriate signature files (corresponding to the DataSource in item 2) are in the folder that the axMapPro1.Path_states0 property is pointing to.
4. Make sure that you are zoomed to a scale below 2-miles (the default visibility threshold for street-level data).