How to run integrated mapping application from own folder?

If you want to run an Integrated mapping application for their own directory then they need to make some changes to the application.

Below are the list of changes required, these changes are based on Integrated mapping Wpf sample but similar changes can be done in integrated mapping application created in VB.Net, WinForms or MFC.

1.) Make sure you have defined your own entry point in your wpf/winforms application instead of using the auto generated one.

2.) Update the assembly reference Copy local property to true for MapInfo.Application.dll, MapInfo.Controls.dll, MapInfo.Types.dll, MapInfo.StyleResources.dll and miadm.dll in your project.

3.) Before calling MapInfoCore.StartUp method set the dll directory for the application to MapInfoPro installation directory. Using the below win32 api in c#.

Pinvoke signature of API is.

[DllImport("kernel32.dll", CharSet = CharSet.Unicode, SetLastError = true)]
[return: MarshalAs(UnmanagedType.Bool)]
static extern bool SetDllDirectory(string lpPathName);

In below example, we have MapInfoPro installed in default location “C:\Program Files\MapInfo\Professional\".

[STAThreadAttribute]
public static void Main(string[] args)
{
    // Set Pro installation directory as Dll directory
    SetDllDirectory("C:\Program Files\MapInfo\Professional\");

    // Startup the MapInfoCore
    MapInfoCore.StartUp(args);
    var app = new App();
    app.Run(new MainWindow());
}

4.) Copy over the acPDFCreatorLib.Net.dll, Fdo.dll, FDOCommon.dll, FDOGeometry.dll, MAPINFOPRO.MNU, MAPINFOW.PRJ, midlfdo.dll, midlOCI.dll, midlodbc.dll, Syncfusion.Shared.MVVM.Wpf.dll, Xalan-C_1_11.dll, XalanMessages_1_11.dll and xerces-c_3_1.dll from MapInfoPro installation directory to integrated mapping application output directory.

After doing the above changes you would able to run the application from directory other than MapInfoPro directory.