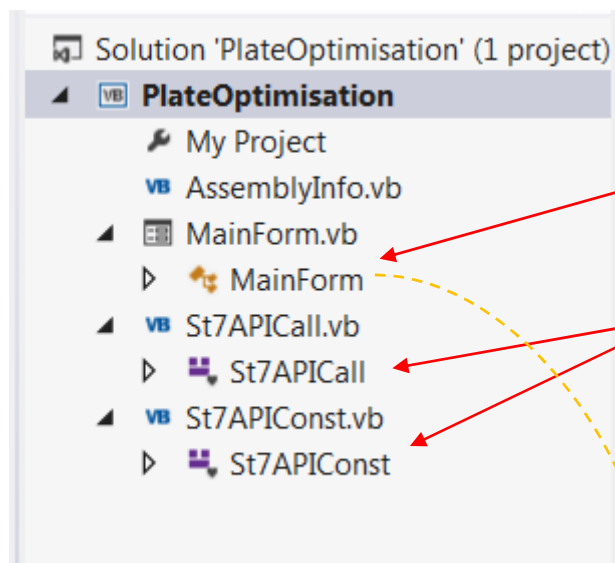


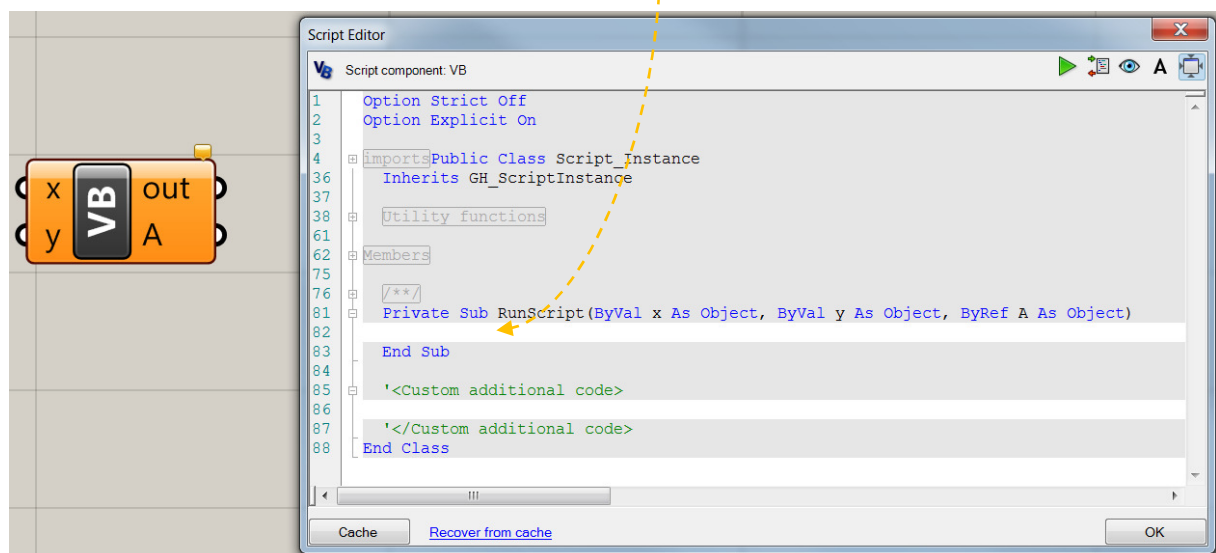
Structure of VB Project Code:



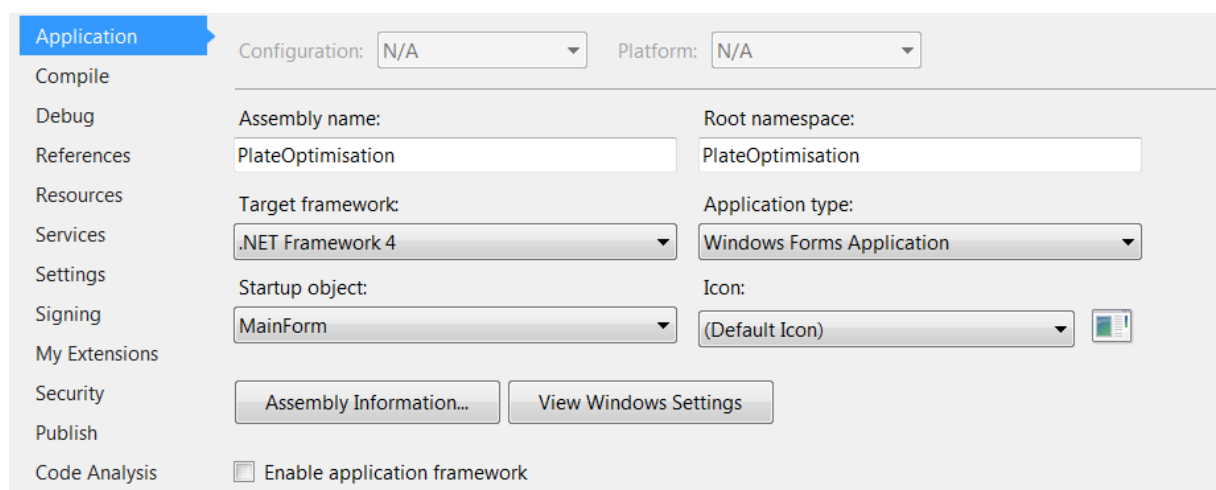
Main Code (with GUI and program running code)

Vb Modules (come with all functions for connection to Structural software)

I plan to copy a code here. Instead of GUI I would define all needed external variables in GH... but how can I import Modules? VB scripting component allows just to write code under one Sub.



If it means something...Project properties:



Application

Configuration: N/A Platform: N/A

Compile

Debug

References

References:

Unused References...

Reference Paths...

Reference Name	Type	Veri...	Copy Local	Path
System	.NET	4.0.0.0	False	C:\Program Files (x86)\Reference Assemblies\Microsoft\Framework\NETFramework\v4.0\System.dll
System.Data	.NET	4.0.0.0	False	C:\Program Files (x86)\Reference Assemblies\Microsoft\Framework\NETFramework\v4.0\System.Data.dll
System.Deployment	.NET	4.0.0.0	False	C:\Program Files (x86)\Reference Assemblies\Microsoft\Framework\NETFramework\v4.0\System.Deployment.dll
System.Drawing	.NET	4.0.0.0	False	C:\Program Files (x86)\Reference Assemblies\Microsoft\Framework\NETFramework\v4.0\System.Drawing.dll
System.Windows.Forms	.NET	4.0.0.0	False	C:\Program Files (x86)\Reference Assemblies\Microsoft\Framework\NETFramework\v4.0\System.Windows.Forms.dll
System.Xml	.NET	4.0.0.0	False	C:\Program Files (x86)\Reference Assemblies\Microsoft\Framework\NETFramework\v4.0\System.Xml.dll

Add...

Remove

Update

Imported namespaces:

Microsoft.VisualBasic

Add User Import

☒ Microsoft.VisualBasic
 ☒ System
 ☒ System.Collections
 ☒ System.Data
 ☒ System.Diagnostics
 ☒ System.Drawing

Update User Import

Cutout from ST7APICall Module:

ST7APICall

(Declarations)

Module ST7APICall

```

Declare Ansi Function St7Init Lib "St7API.DLL" () As Int32
Declare Ansi Function St7Release Lib "St7API.DLL" () As Int32
Declare Ansi Function St7APIVersion Lib "St7API.DLL" (ByRef Major As Int32, ByRef Minor As Int32, ByRef Point As Int32) As Int32
Declare Ansi Function St7OpenFile Lib "St7API.DLL" (ByVal uID As Int32, ByVal FileName As String, ByVal ScratchPath As String) As Int32
Declare Ansi Function St7CloseFile Lib "St7API.DLL" (ByVal uID As Int32) As Int32
Declare Ansi Function St7NewFile Lib "St7API.DLL" (ByVal uID As Int32, ByVal FileName As String, ByVal ScratchPath As String) As Int32
Declare Ansi Function St7SaveFile Lib "St7API.DLL" (ByVal uID As Int32) As Int32
Declare Ansi Function St7SaveFileTo Lib "St7API.DLL" (ByVal uID As Int32, ByVal FileName As String) As Int32
Declare Ansi Function St7OpenResultFile Lib "St7API.DLL" (ByVal uID As Int32, ByVal FileName As String, ByVal SpectralName As String, ByVal Combinations As Byte,
Declare Ansi Function St7GenerateLSACombinations Lib "St7API.DLL" (ByVal uID As Int32, ByRef NumSecondary As Int32) As Int32
Declare Ansi Function St7GenerateEnvelopes Lib "St7API.DLL" (ByVal uID As Int32, ByRef NumLimitEnvelopes As Int32, ByRef NumCombinationEnvelopes As Int32, ByRef
Declare Ansi Function St7CloseResultFile Lib "St7API.DLL" (ByVal uID As Int32) As Int32
Declare Ansi Function St7GetDisplayOptionsPath Lib "St7API.DLL" (ByVal ConfigPath As String, ByVal MaxStringLen As Int32) As Int32
Declare Ansi Function St7SetLibraryPath Lib "St7API.DLL" (ByVal LibraryPath As String, ByVal MaxStringLen As Int32) As Int32
Declare Ansi Function St7GetLibraryPath Lib "St7API.DLL" (ByVal LibraryPath As String) As Int32
Declare Ansi Function St7GetPath Lib "St7API.DLL" (ByVal St7Path As String, ByVal MaxStringLen As Int32) As Int32
Declare Ansi Function St7GetLastError Lib "St7API.DLL" () As Int32
Declare Ansi Function St7GetAPIErrorString Lib "St7API.DLL" (ByVal iErr As Int32, ByVal ErrorString As String, ByVal MaxStringLen As Int32) As Int32
Declare Ansi Function St7GetSolverErrorString Lib "St7API.DLL" (ByVal iErr As Int32, ByVal ErrorString As String, ByVal MaxStringLen As Int32) As Int32
Declare Ansi Function St7TransformToUCS Lib "St7API.DLL" (ByVal uID As Int32, ByVal UCSId As Int32, ByRef XYZ As Double) As Int32
Declare Ansi Function St7TransformToXV7 Lib "St7API.DLL" (ByVal uID As Int32, ByVal UCSId As Int32, ByRef XYZ As Double) As Int32

```