

ManagedSpy - Adding new features to ManagedSpy.exe (part 2)

Before we go much further lets move this code to Git

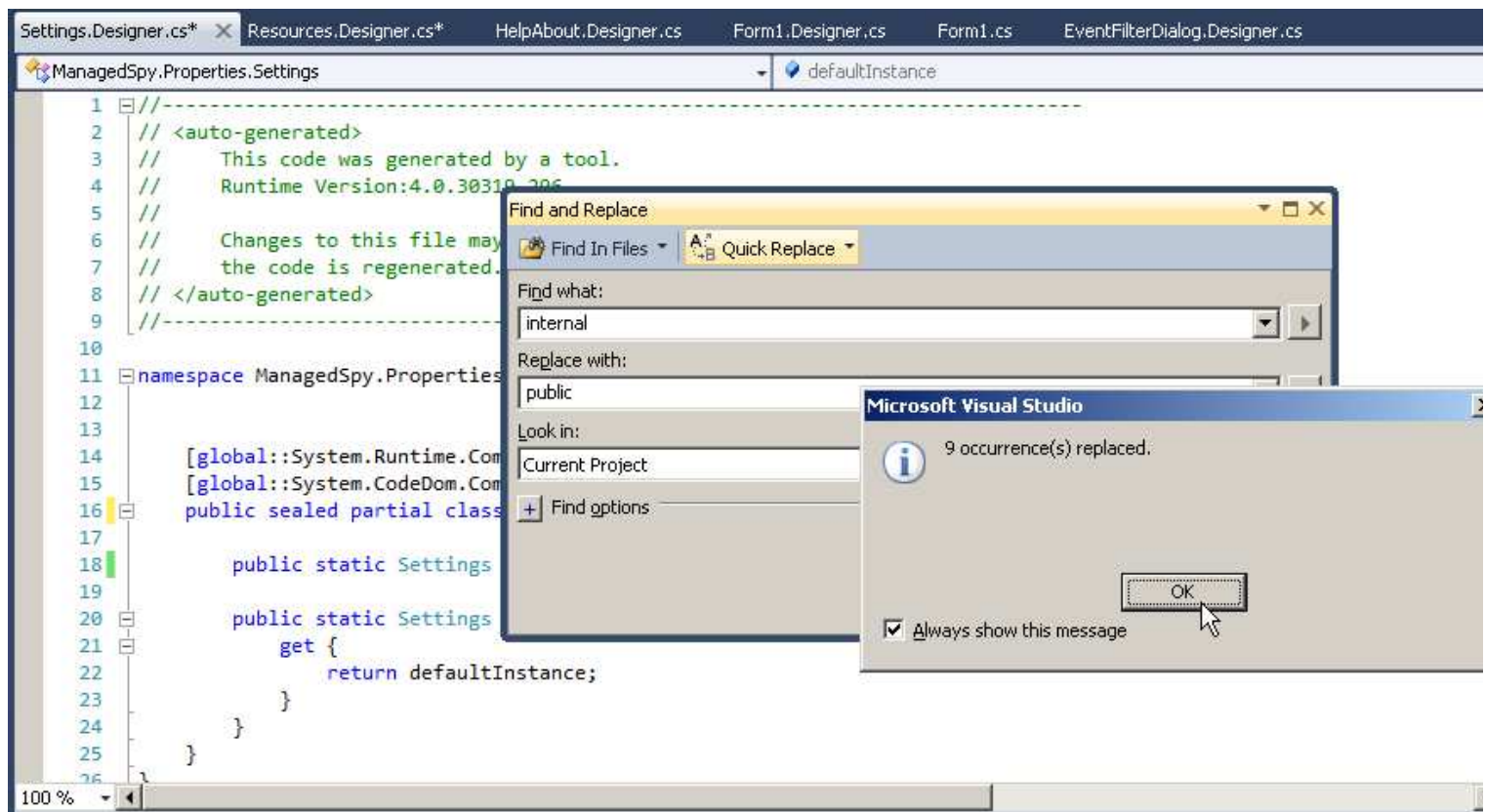
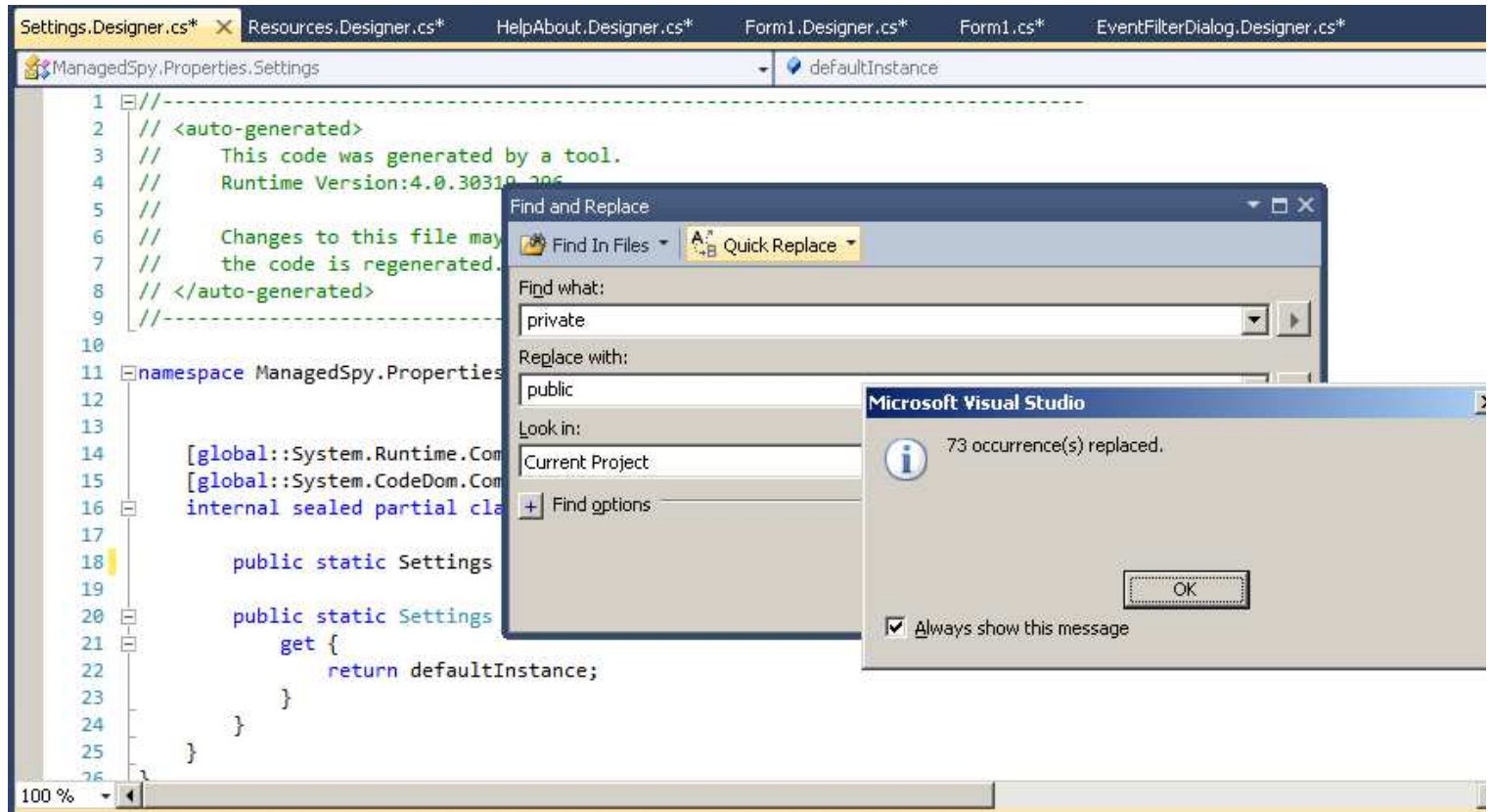
see file: *"ManagedSpy - Moving Original code (and some changes) to GitHub.pdf"* for how it was done

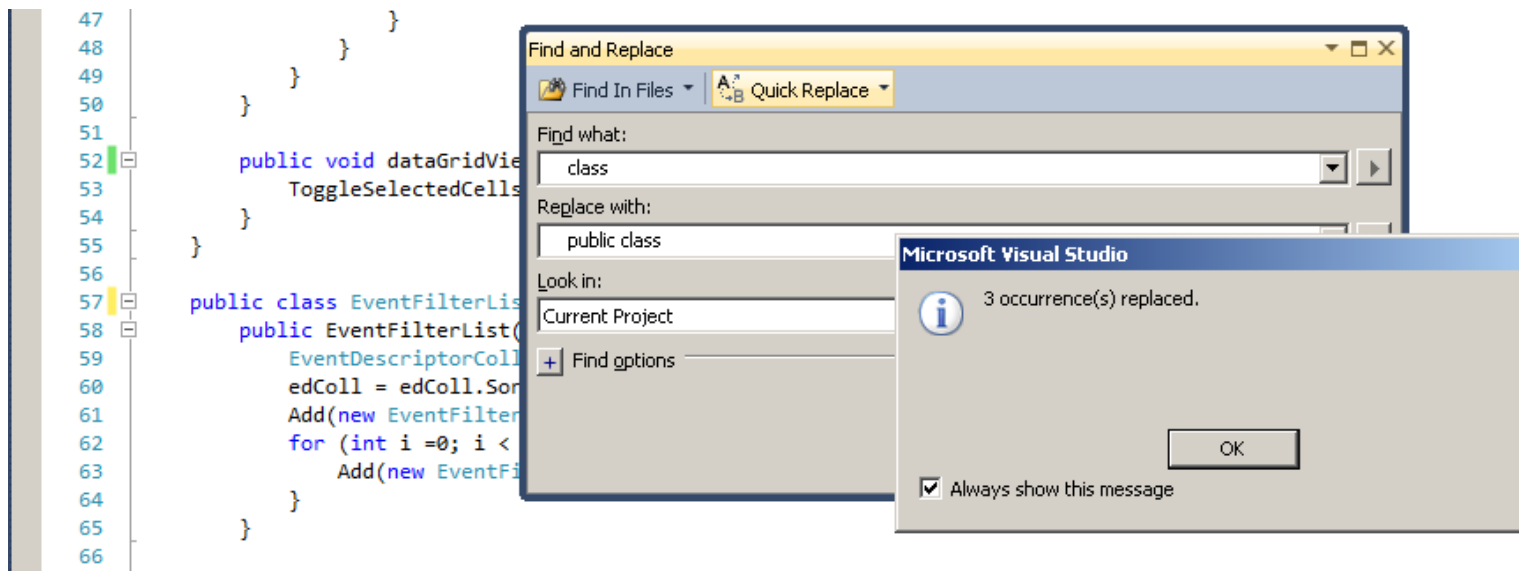
The screenshot shows the GitHub interface for a repository named 'O2_Fork_ManagedSpy' by user 'DinisCruz'. The repository is public and has 0 pull requests, 0 issues, 0 stars, and 0 forks. The 'Code' tab is selected, showing the repository's description: 'Fork of ManagedSpy as published by the original http://msdn.microsoft.com/en-us/magazine/cc163617.aspx article — Read more'. Below the description are buttons for 'Clone in Windows', 'ZIP', 'HTTP', 'SSH', 'Git Read-Only', and a 'Read+Write access' button. The 'Files' tab is selected, showing a list of files and folders. The files include 'ManagedSpy', 'ManagedSpyLib', '__Original_Files', 'packages', '.gitignore', 'EULA.doc', 'ManagedSpy.sln', 'NEW VERSION NOTES.txt', and 'ReadMe.txt'. The commit history shows that the files were added or modified 4 to 5 hours ago by 'DinisCruz'. The commit message for the latest commit is 'Removing old version compile files from the root dir'.

File	Time	Commit Message
ManagedSpy	4 hours ago	Adding ManagedSpy.exe changes (including the new menu and C# REPL edi... [DinisCruz]
ManagedSpyLib	4 hours ago	Adding ManagedSpyLib changes (with fix was making it crash in .Net 4.0) [DinisCruz]
__Original_Files	5 hours ago	Commit of original version (from MSDN article) [DinisCruz]
packages	5 hours ago	Adding NuGet packages [DinisCruz]
.gitignore	4 hours ago	Removing old version compile files from the root dir [DinisCruz]
EULA.doc	5 hours ago	Commit of original version (from MSDN article) [DinisCruz]
ManagedSpy.sln	4 hours ago	Removing old version compile files from the root dir [DinisCruz]
NEW VERSION NOTES.txt	5 hours ago	Commit of original version (from MSDN article) [DinisCruz]
ReadMe.txt	5 hours ago	Commit of original version (from MSDN article) [DinisCruz]

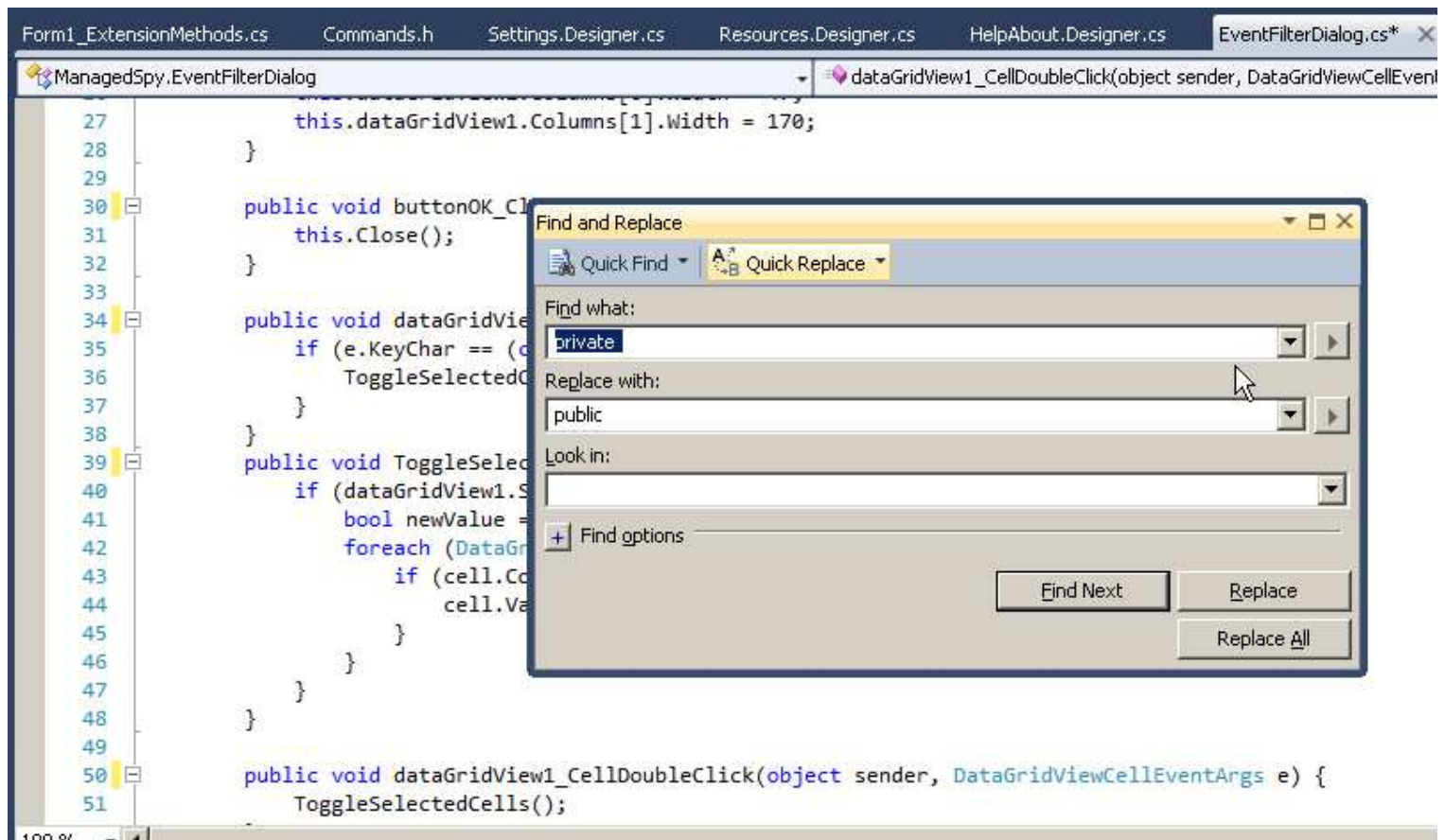
Making all classes and enums public

which will make the ManagedSpy.exe objects and classes easier to consume from the REPL environment





To make it easier to script, lets make app private methods public



Next commit the changes (which are all the private to public replaces)

Commit - C:_WorkDir\02\02 Install\02 FORKS\02_Fork_ManagedSpy\ManagedSpy (Whole Project)

Commit to: master

Message:

Making all classes and objects public (to make real-time scripting easier)

☐ *Amend Last Commit Sign 1/7 View Patch>

Changes made (double-click on file for diff):

Path	Extension	Add	Del
Modified File			
<input checked="" type="checkbox"/> ManagedSpy/EventFilterDialog.Designer.cs	.cs	5	5
<input checked="" type="checkbox"/> ManagedSpy/EventFilterDialog.cs	.cs	7	7
<input checked="" type="checkbox"/> ManagedSpy/Form1.Designer.cs	.cs	34	34
<input checked="" type="checkbox"/> ManagedSpy/Form1.cs	.cs	21	21
<input checked="" type="checkbox"/> ManagedSpy/HelpAbout.Designer.cs	.cs	7	7
<input checked="" type="checkbox"/> ManagedSpy/Properties/Resources.Designer.cs	.cs	9	9
<input checked="" type="checkbox"/> ManagedSpy/Properties/Settings.Designer.cs	.cs	2	2
Not Versioned			
<input type="checkbox"/> Debug/ManagedSpyLib.dll	.dll		
<input type="checkbox"/> Debug/ManagedSpyLib.exp	.exp		
<input type="checkbox"/> Debug/ManagedSpyLib.ilc	.ilc		
<input type="checkbox"/> Debug/ManagedSpyLib.lib	.lib		
<input type="checkbox"/> Debug/ManagedSpyLib.pdb	.pdb		

☒ Show Unversioned Files 7 files selected, 12 files to

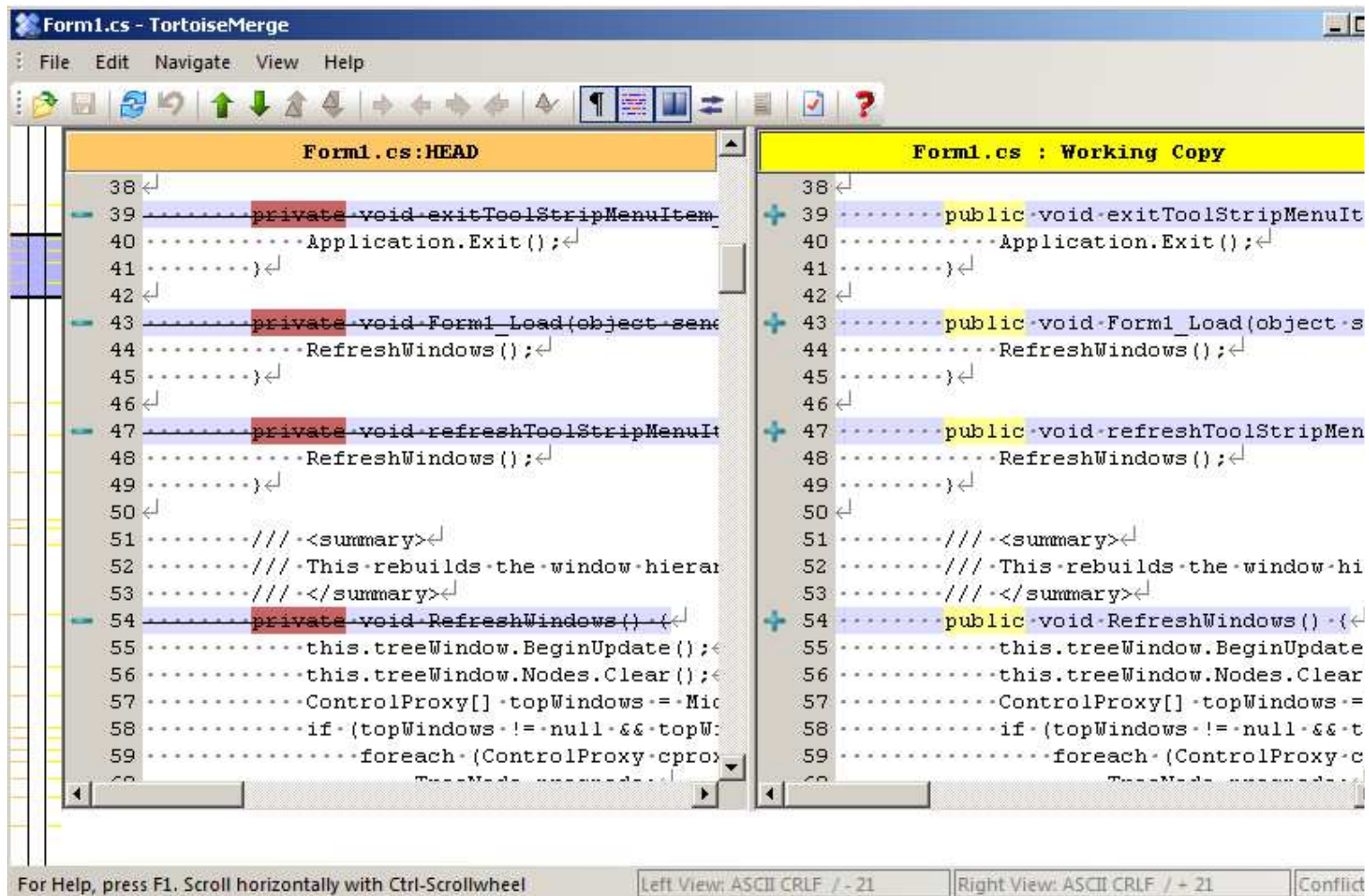
☒ Select / Deselect All

☒ Whole Project OK Cancel Help

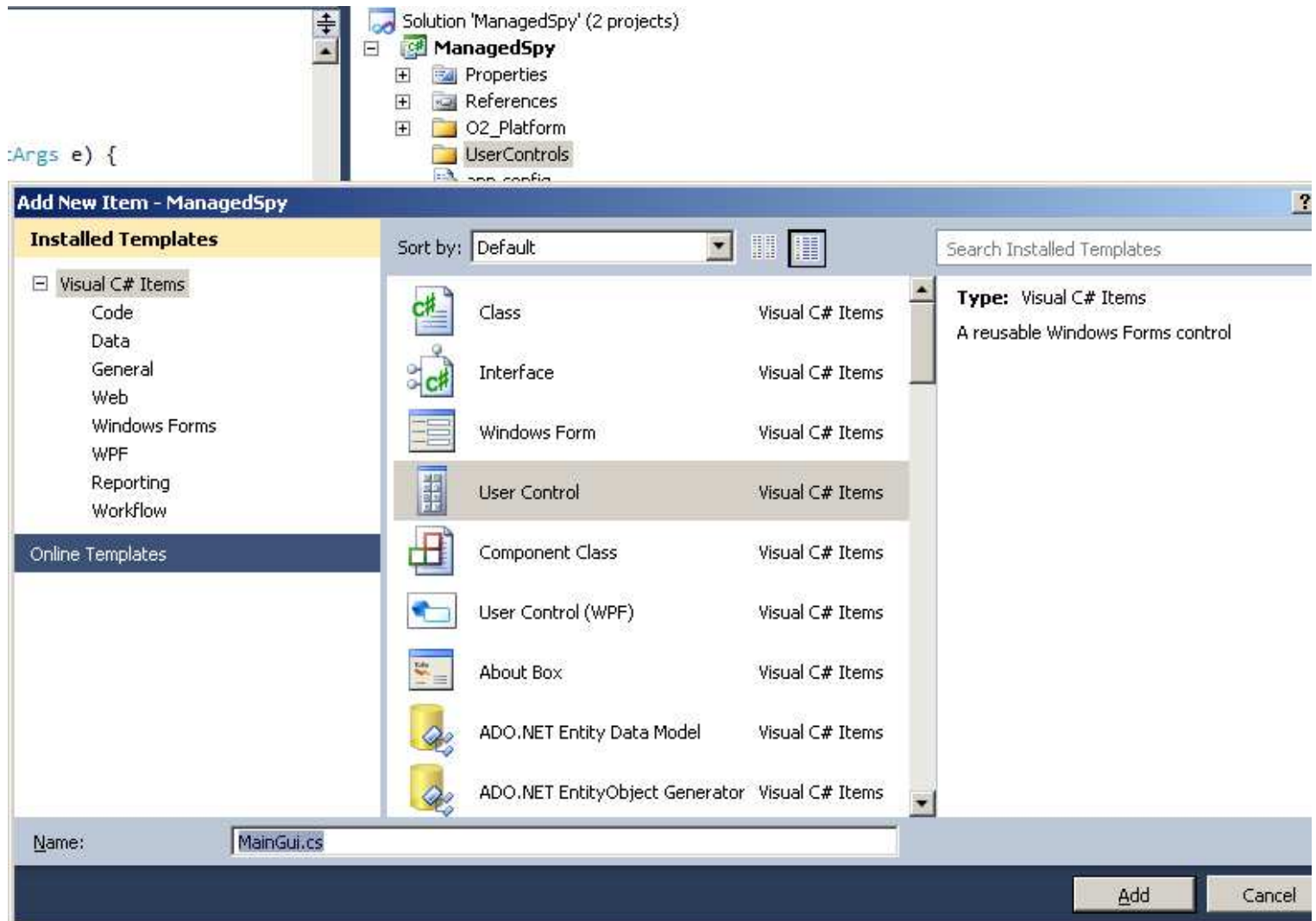
☐ Keep changelists



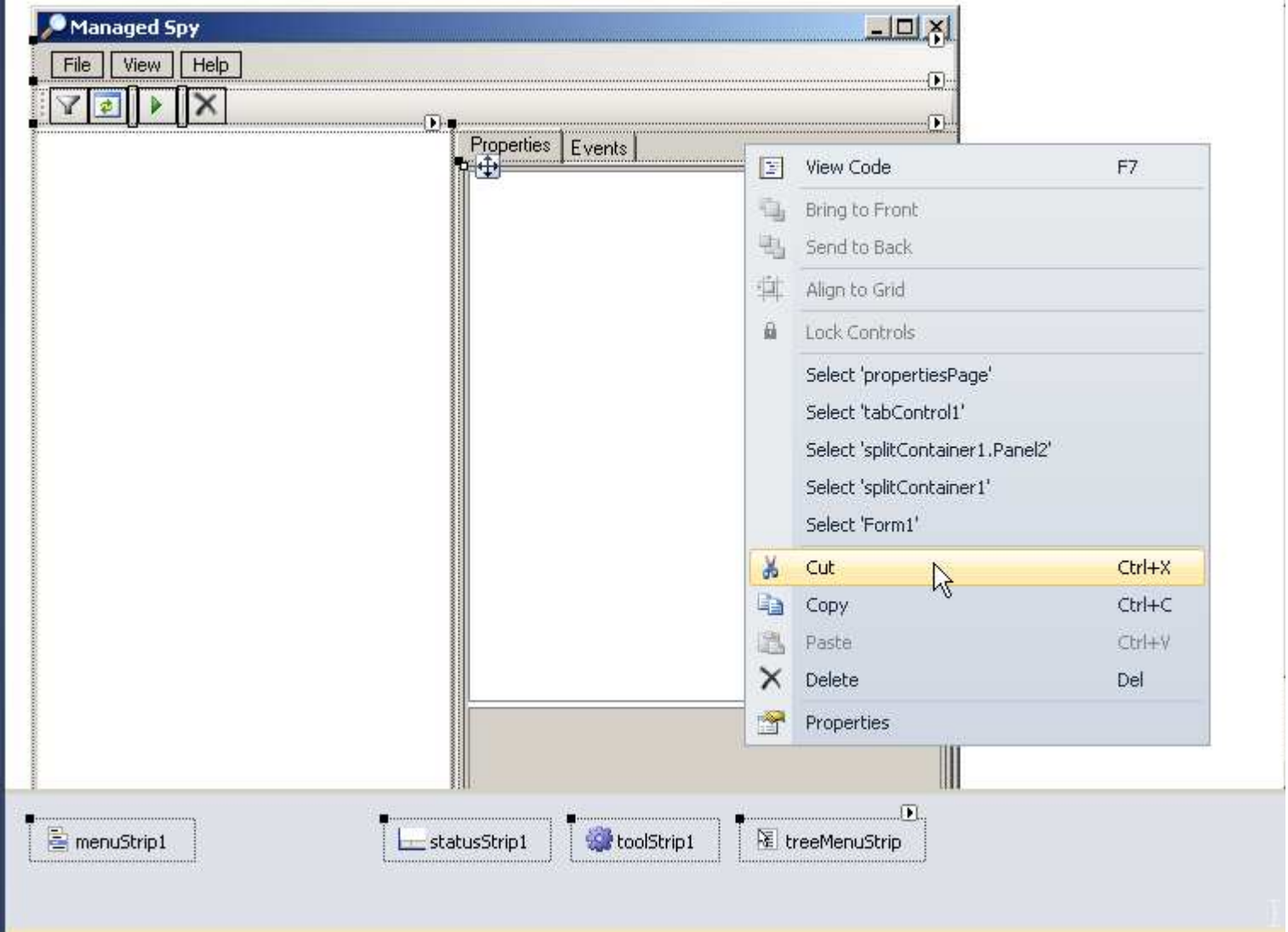
For example:



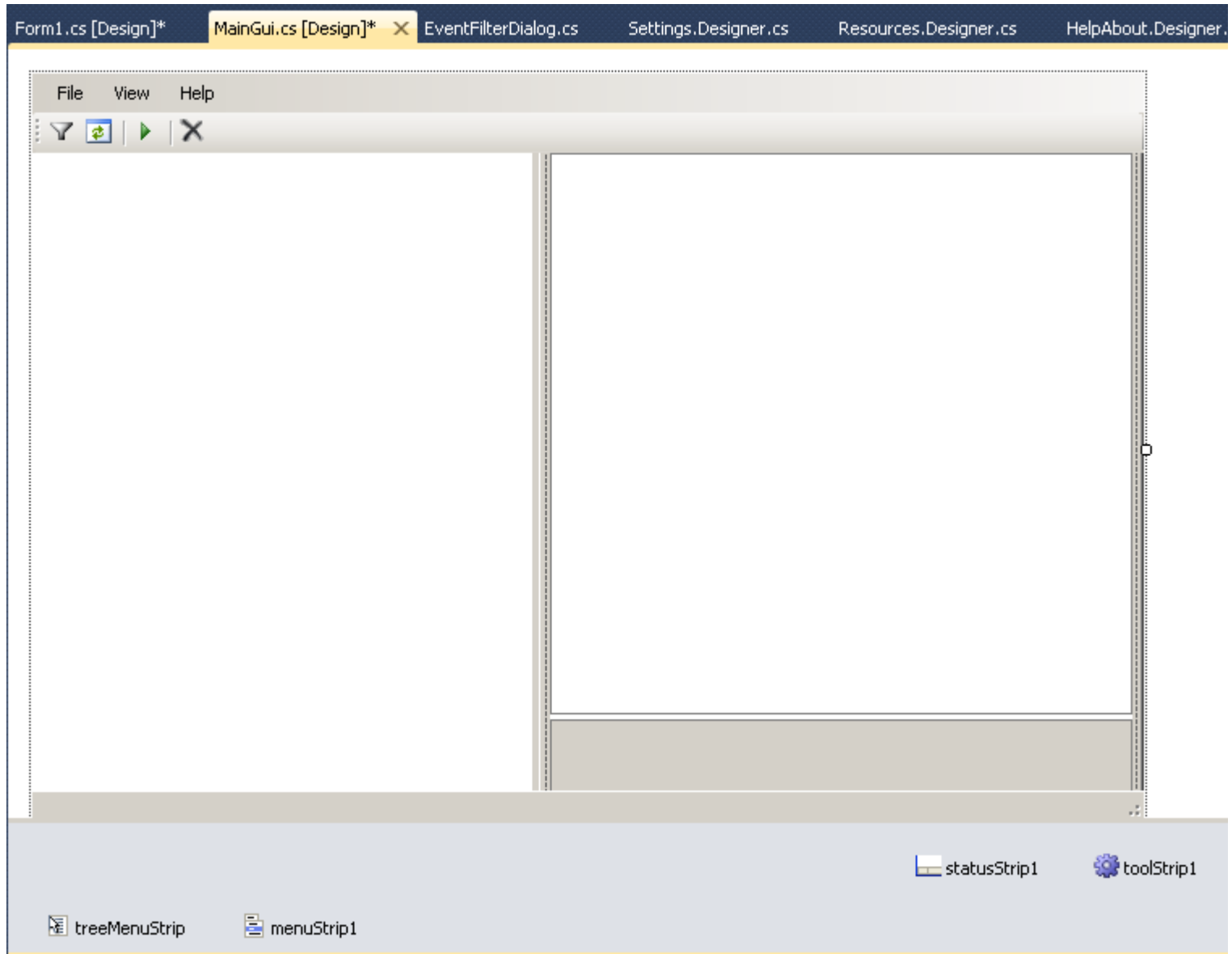
To help with debugging and modularity, let's move the main Form1 code into user control:



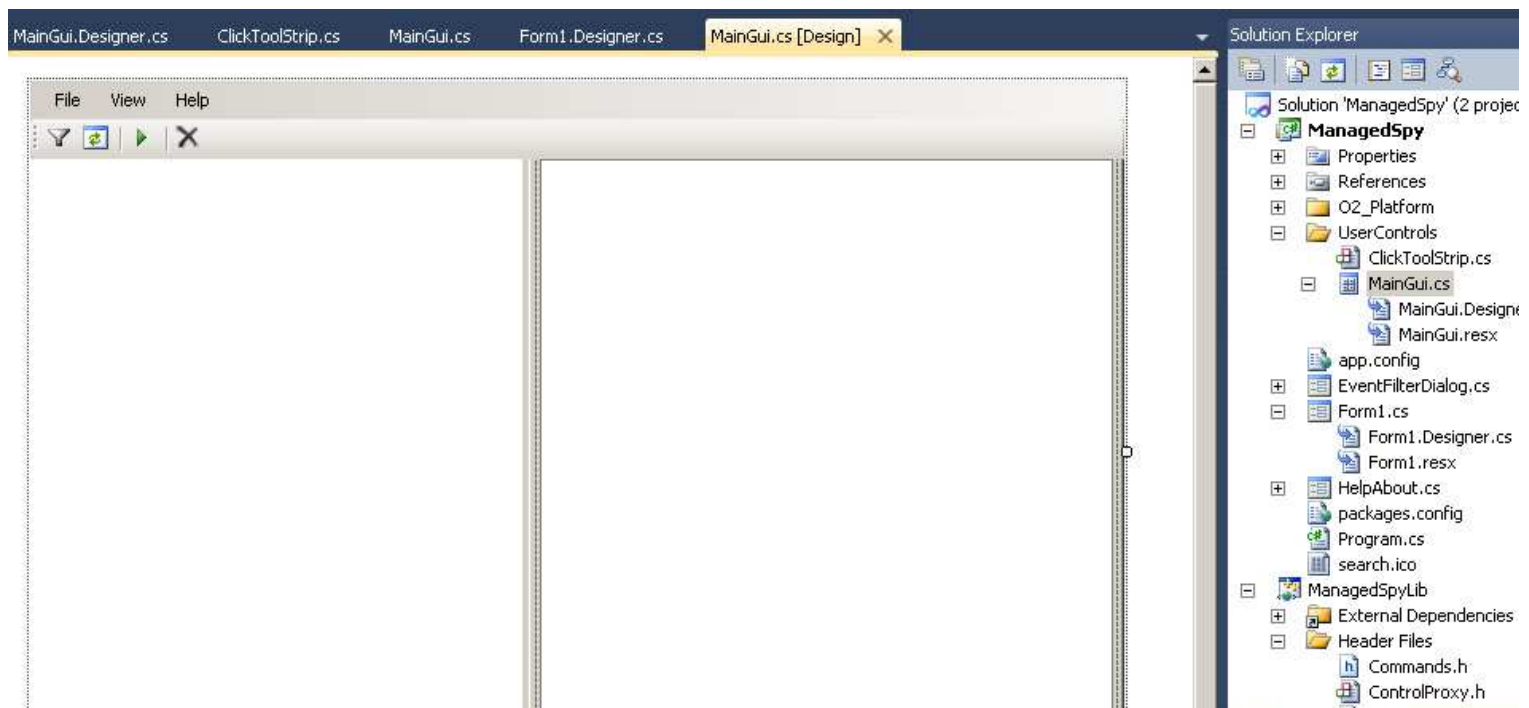
Cut all controls from In *Form1.cs*



and Paste them into *MainGui.cs*



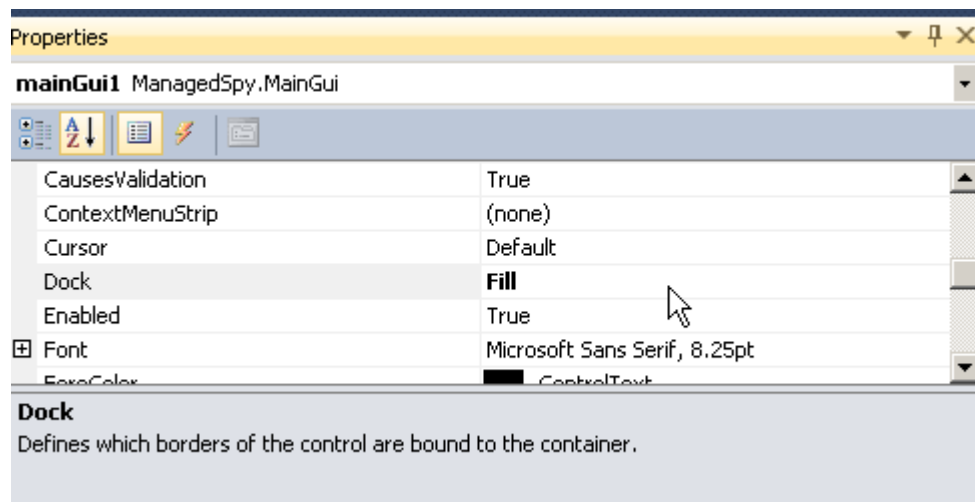
After a little bit of refactoring we now have the original ManagedSpy as UserControl



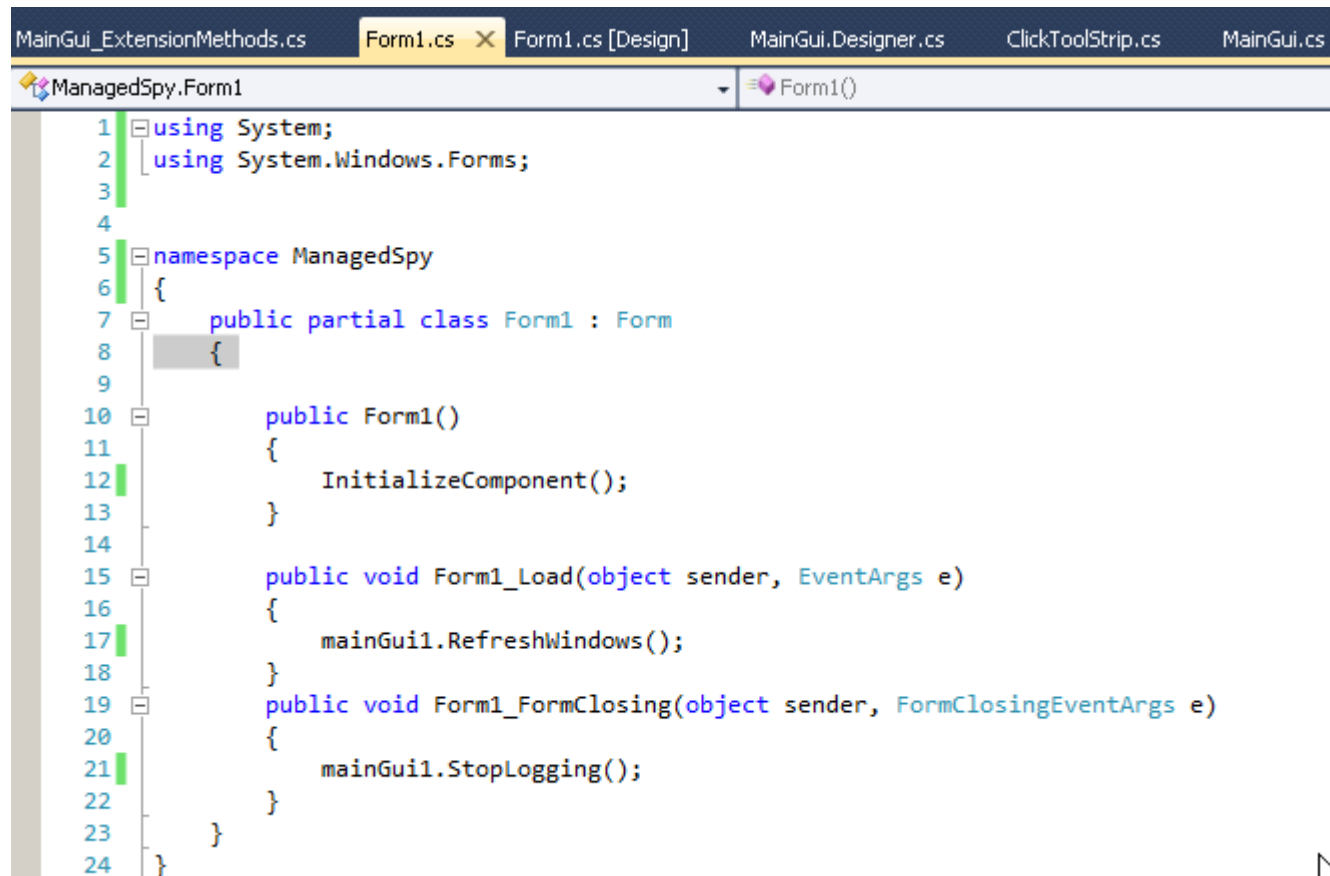
which is available on the ToolBox's *ManagedSpy Components* and can be added to Form1 via Drag-n-drop



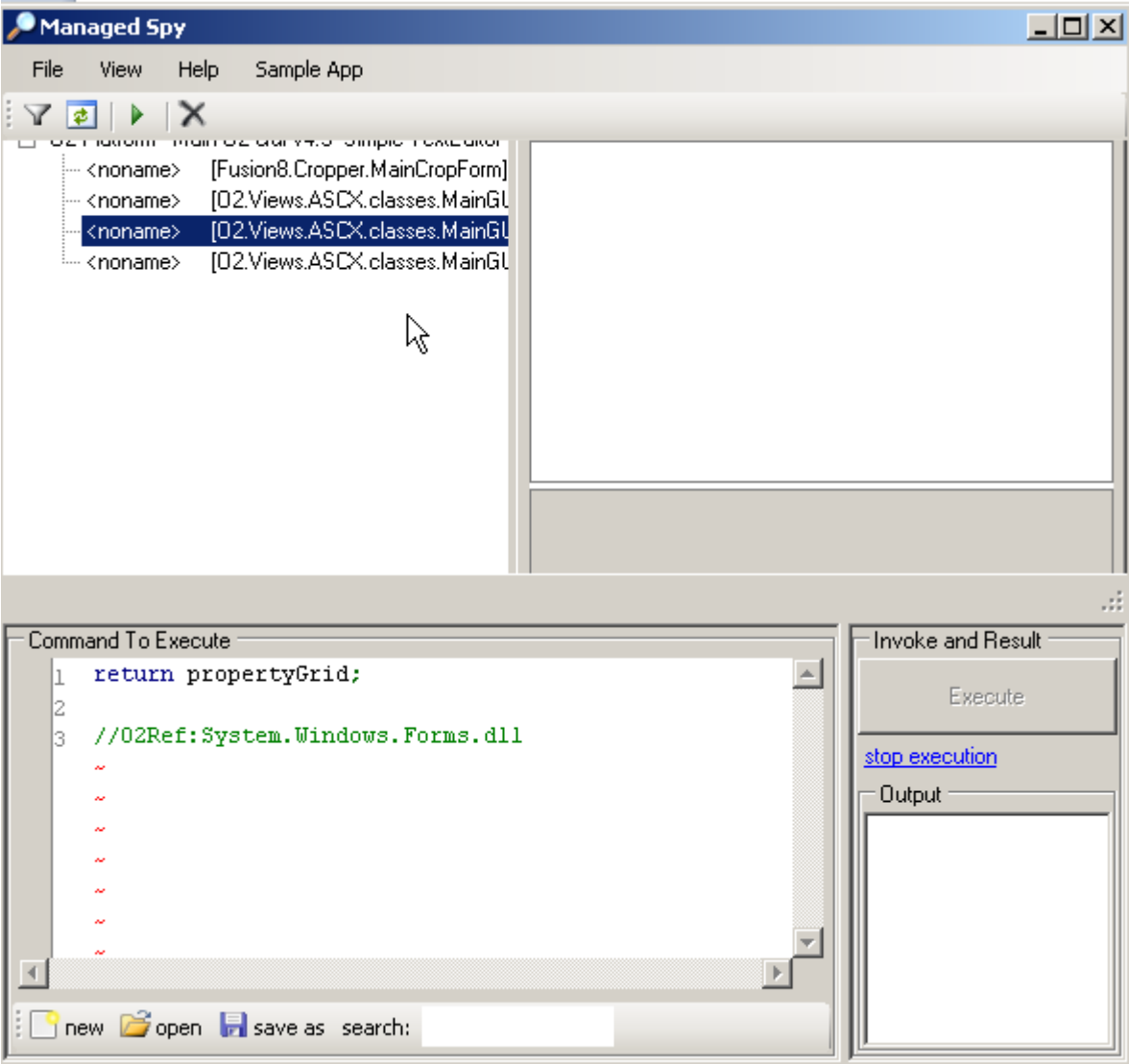
Set the *Dock* property to *Fill*



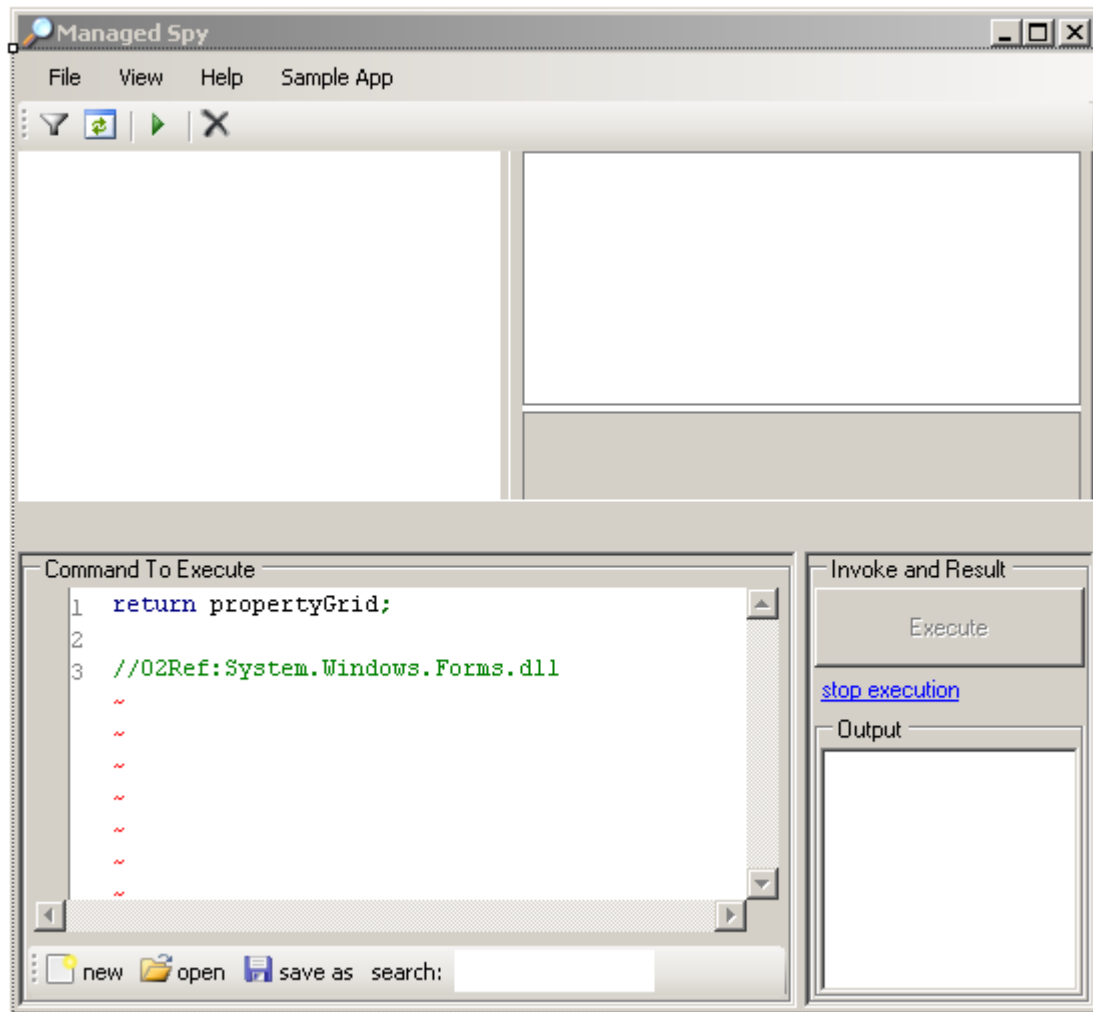
And make a couple final refactorings to Form1.cs



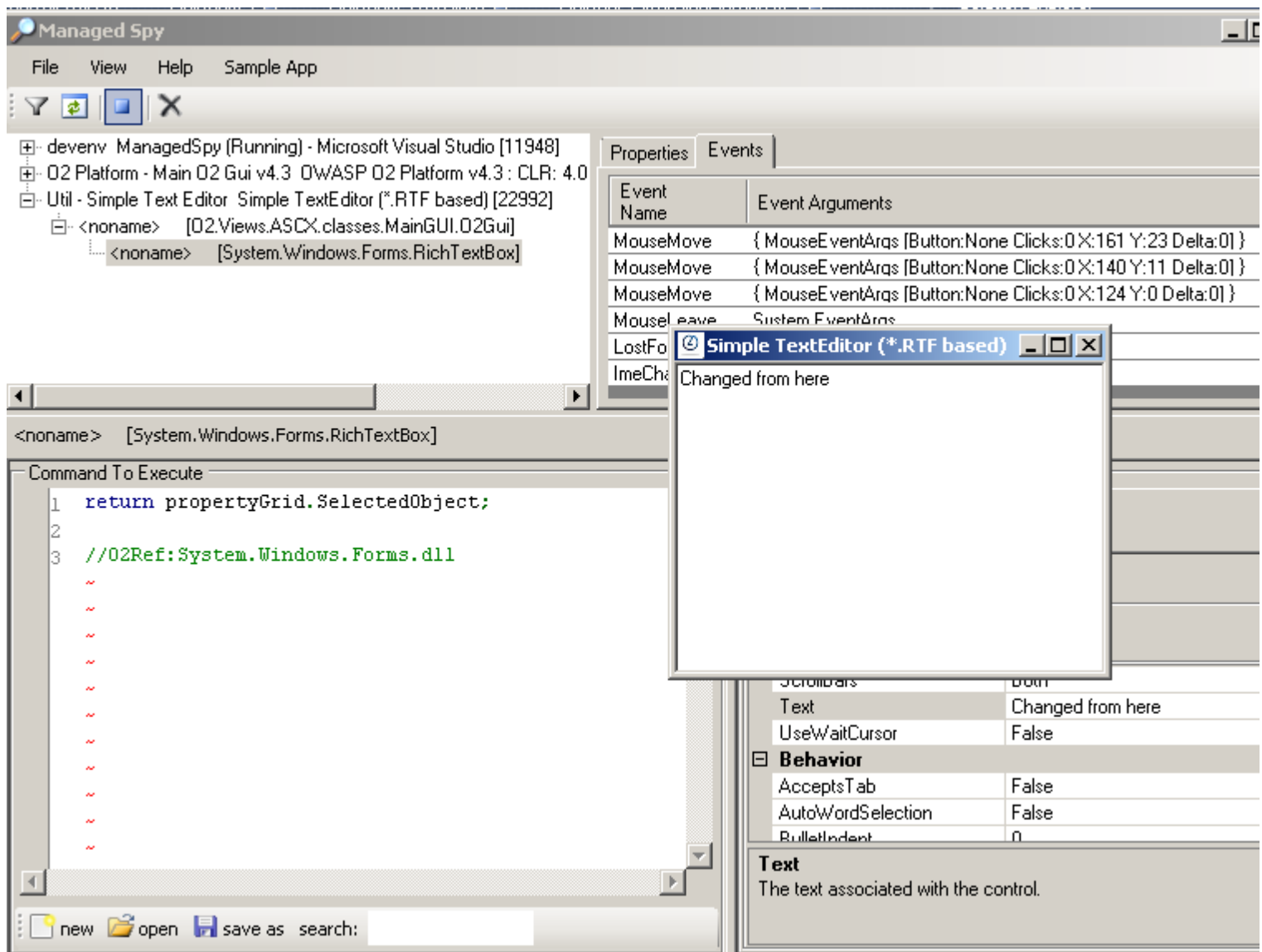
When executed there a couple little things to fix on the Gui (and it looks like the events got lost in the copy and paste



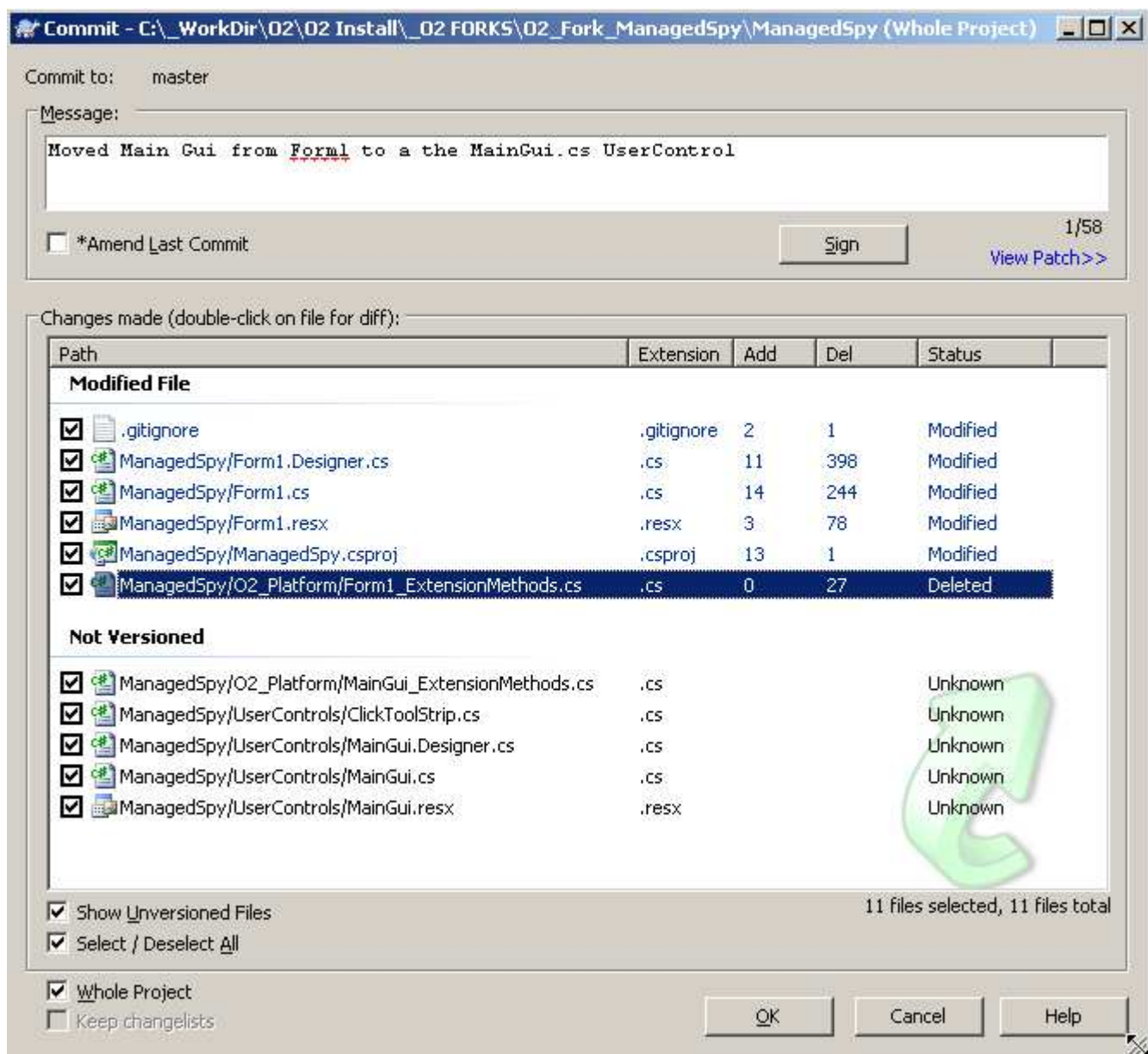
back in VisualStudio we can see the same probs in the Form Designer:



After fixing the GUI and adding the events the original *ManagedSpy* is back:

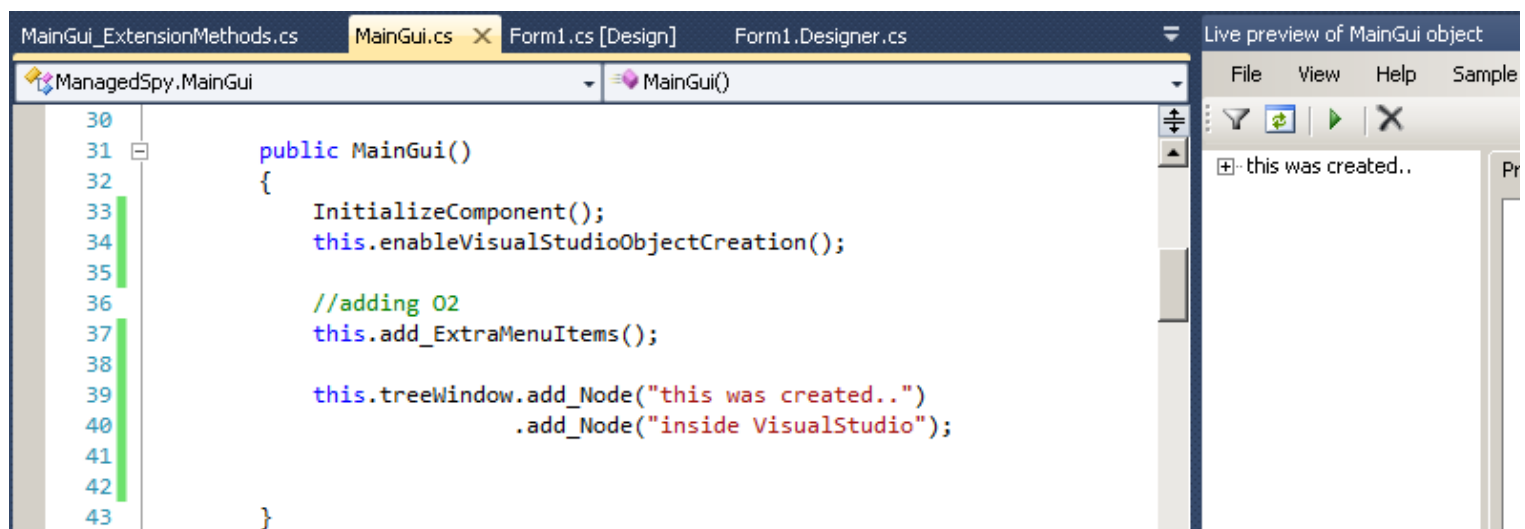


Commit the changes



Live Preview of control created:

See document *ManagedSpy - Using O2 VS Extension to create ManagedSpy UserControls or Forms inside VisualStudio.pdf* for details on how the environment below was created that allows the live preview of the MainGui control inside VisualStudio



Note if you get this error:

Error List

2 Errors

0 Warnings

0 Messages

	Description	File	L.	Column	Project
1	Unable to copy file "C:_WorkDir\O2\O2 Install_O2 FORKS\O2_Fork_ManagedSpy\Debug\ManagedSpyLib.dll" to "bin\Debug\ManagedSpyLib.dll". The process cannot access the file 'bin\Debug\ManagedSpyLib.dll' because it is being used by another process.				ManagedSpy
2	Unable to copy file "C:_WorkDir\O2\O2 Install_O2 FORKS\O2_Fork_ManagedSpy\Debug\ManagedSpyLib.pdb" to "bin\Debug\ManagedSpyLib.pdb". The process cannot access the file 'bin\Debug\ManagedSpyLib.pdb' because it is being used by another process.				ManagedSpy

Output

Find Results 1

Find Symbol Results

Error List

is because this DLL has been loaded into a current .Net process:

Process Explorer Search

Handle or DLL substring: ManagedSpyLib

Search

Cancel

Process	Type	Name
Cropper.exe	DLL	C:_WorkDir\O2\O2 Install_O2 FORKS\O2_Fork_ManagedSpy\ManagedSpy\bin\Debug\ManagedSpyLib.dll
Cropper.exe	DLL	C:_WorkDir\O2\O2 Install_TempDir_v4.5.1.0\Tools\Apis\ManagedSPY\ManagedSpy\ManagedSpy\bin\Debug\ManagedSpyLib.dll
Cropper.exe	DLL	C:_WorkDir\O2\O2 Install_TempDir_v4.5.1.0\Tools\Apis\ManagedSPY\ManagedSpy\ManagedSpy\bin\Debug\ManagedSpyLib.dll
Cropper.exe	DLL	C:_WorkDir\O2\O2 Install_O2 FORKS\O2_Fork_ManagedSpy\ManagedSpy\bin\Debug\ManagedSpyLib.dll
Cropper.exe	File	C:_WorkDir\O2\O2 Install_TempDir_v4.5.1.0\Tools\Apis\ManagedSPY\ManagedSpy\ManagedSpy\bin\Debug\ManagedSpyLib.dll
Cropper.exe	File	C:_WorkDir\O2\O2 Install_TempDir_v4.5.1.0\Tools\Apis\ManagedSPY\ManagedSpy\ManagedSpy\bin\Debug\ManagedSpyLib.pdb
Cropper.exe	File	C:_WorkDir\O2\O2 Install_O2 FORKS\O2_Fork_ManagedSpy\ManagedSpy\bin\Debug\ManagedSpyLib.dll
Cropper.exe	File	C:_WorkDir\O2\O2 Install_O2 FORKS\O2_Fork_ManagedSpy\ManagedSpy\bin\Debug\ManagedSpyLib.pdb
devenv.exe	DLL	C:\Users\vo2\AppData\Local\Microsoft\VisualStudio\10.0\ProjectAssemblies\nldqy0sb01\ManagedSpyLib.dll
devenv.exe	DLL	C:\Users\vo2\AppData\Local\Microsoft\VisualStudio\10.0\ProjectAssemblies\nldqy0sb01\ManagedSpyLib.dll
devenv.exe	File	C:_WorkDir\O2\O2 Install_O2 FORKS\O2_Fork_ManagedSpy\ManagedSpyLib
devenv.exe	File	C:\Users\vo2\AppData\Local\Microsoft\VisualStudio\10.0\ProjectAssemblies\nldqy0sb01\ManagedSpyLib.dll

In this case after stopping the Cropper.exe process, the compilation succeeds

Error List

0 Errors

0 Warnings

0 Messages

Description

Output

Find Results 1

Find Symbol Results

Error List

Build succeeded