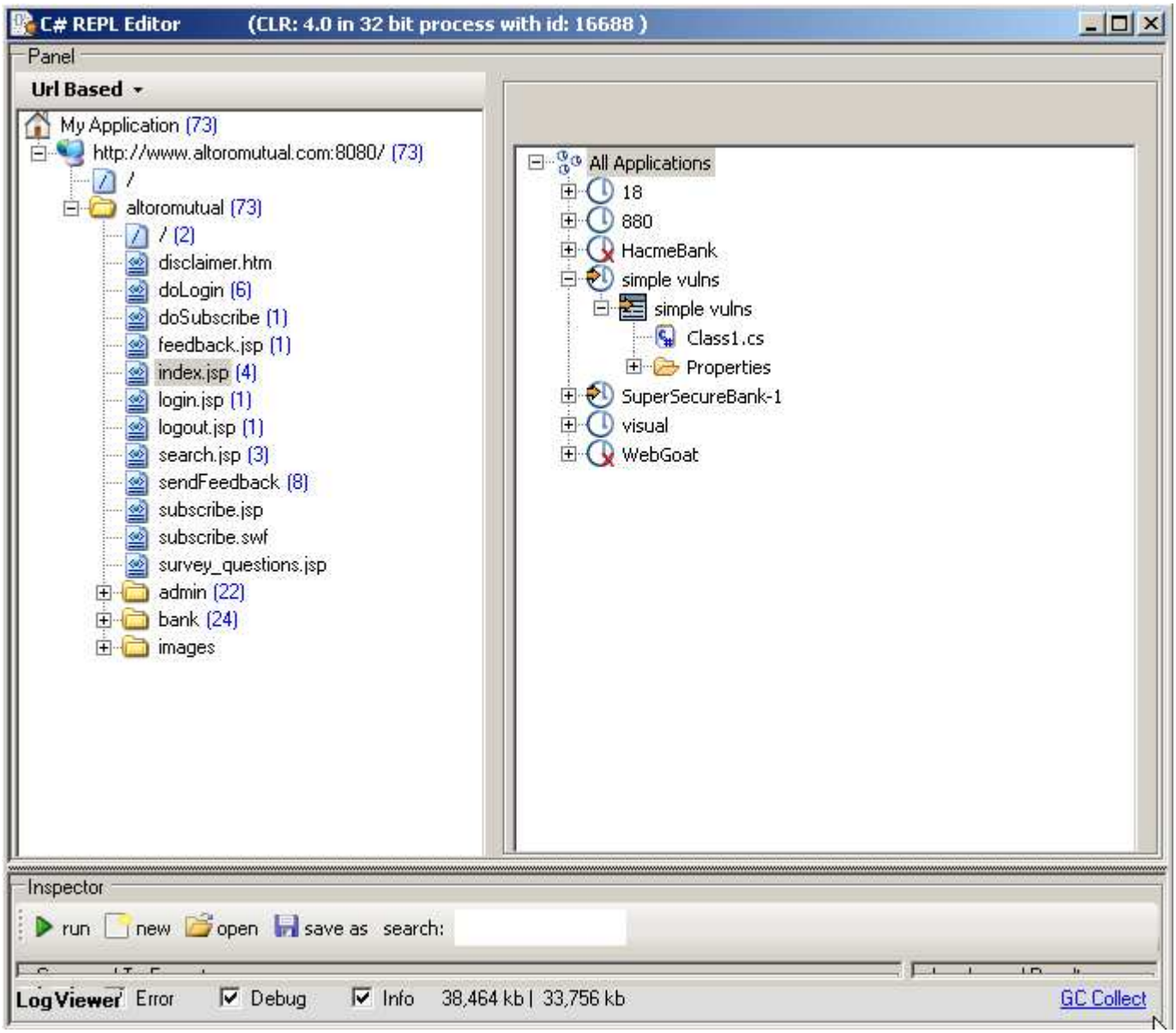
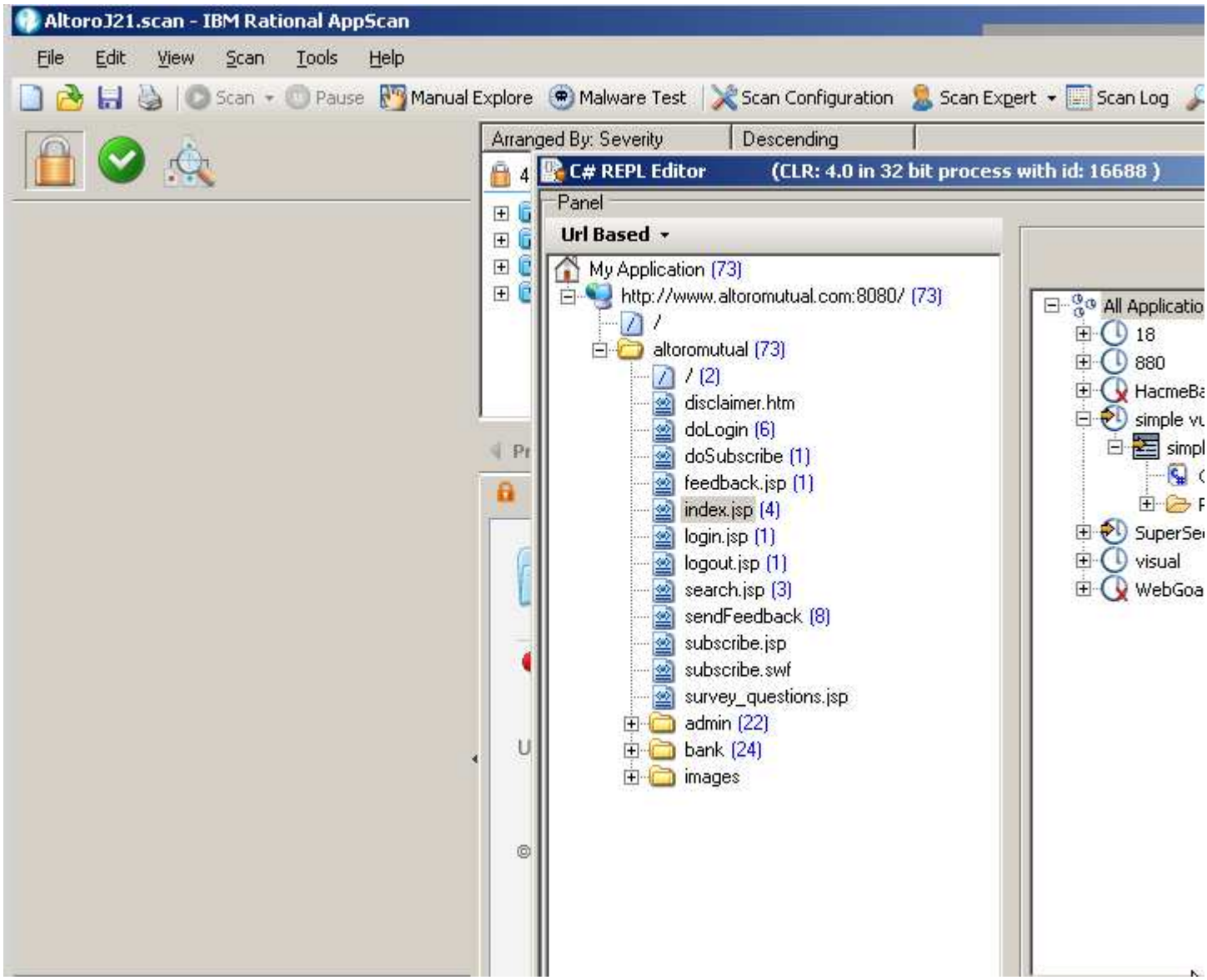
AppScan Source and Standard - hosting their (CLR and JVM) TreeViews on a separate Process

Here Both TreeViews from the AppScans hosted in a separate process

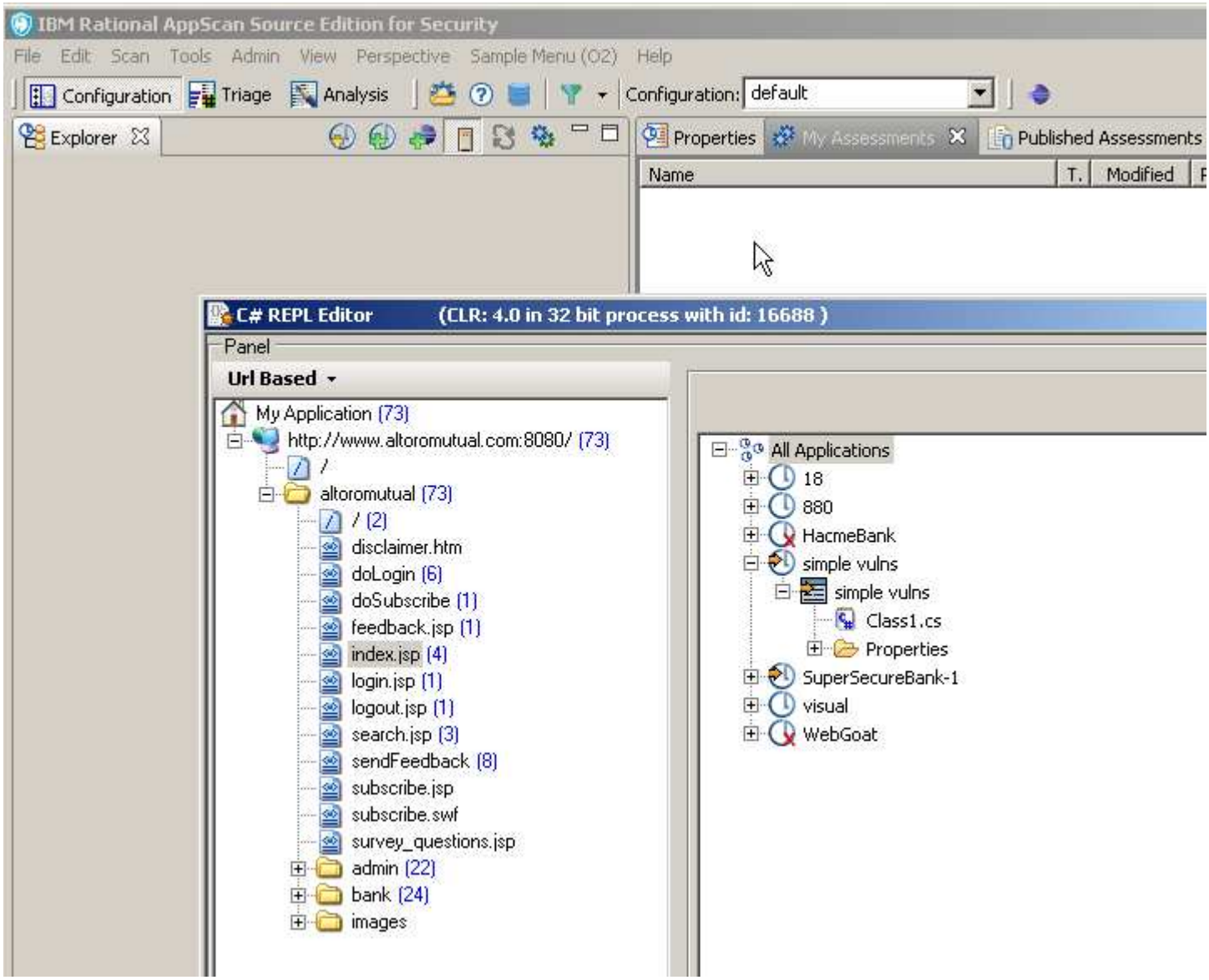
- **The host is a .Net Form (created with the O2 "{title}".popupWindow() command)**
- **On the left we have the main TreeView from AppScan Standard (a black box scanner and an CLR/C# app)**
- **On the right we have the main TreeView from AppScan Source (a white box scanner and an JVM/Java app)**



Note how the TreeView was removed from the .Net app (AppScan Standard) :

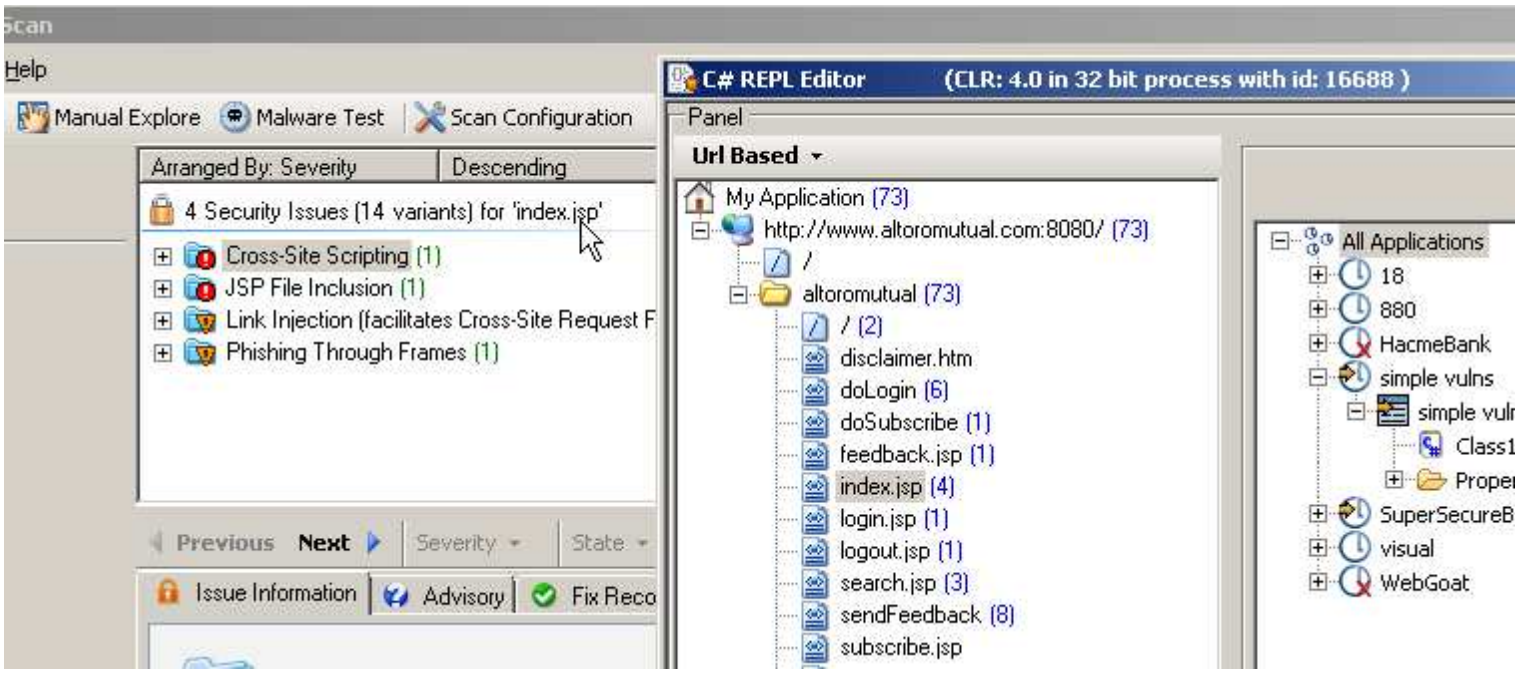


And the Java TreeView was removed from the JVM app (AppScan Source):

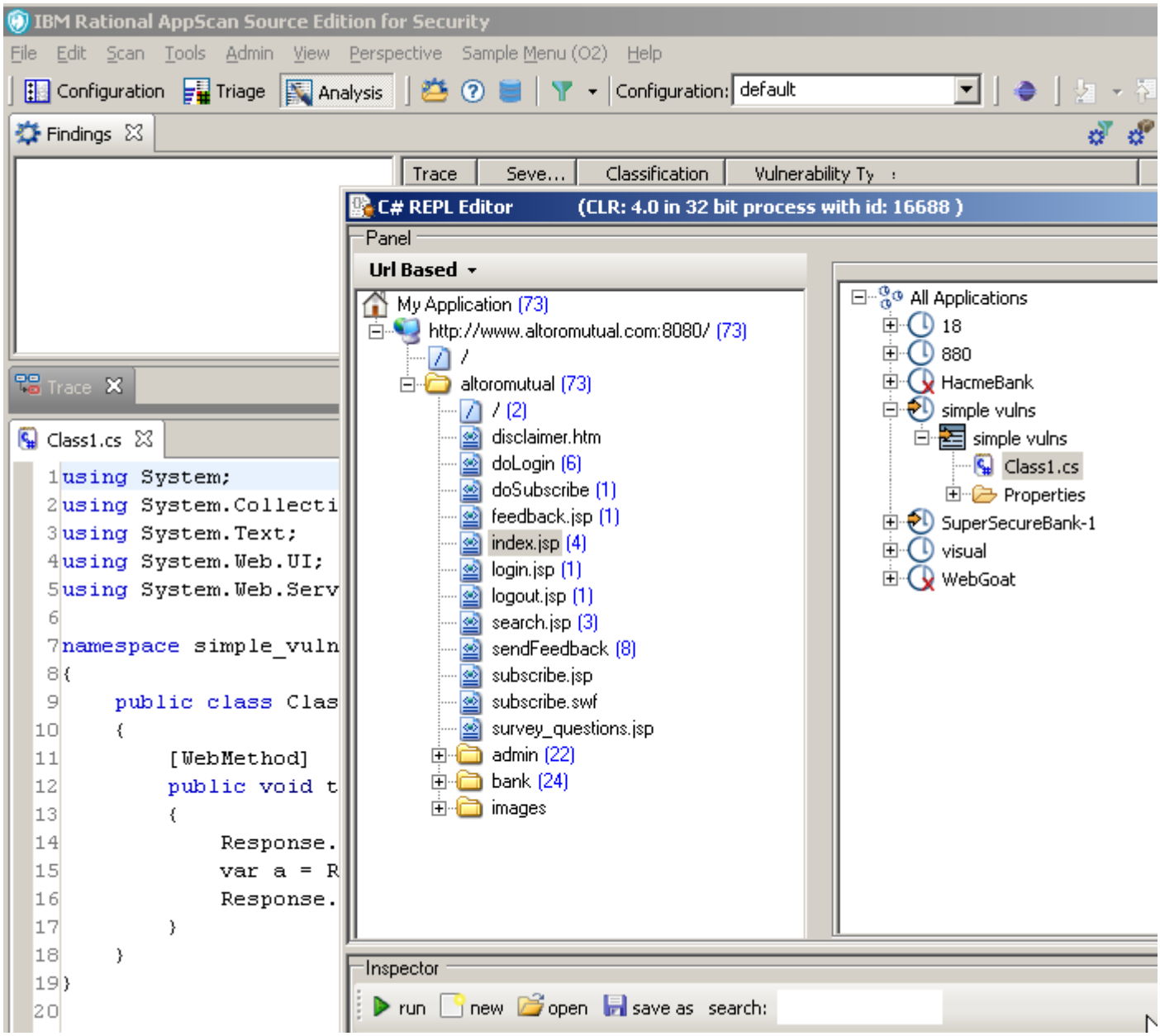


Even though in separate process, these TreeView Controls are still 'wired' to their host process

Note how cliking on the index.jsp TreeNode (in the AppScan Standard TreeView) opened the index.jsp results in the original GUI:

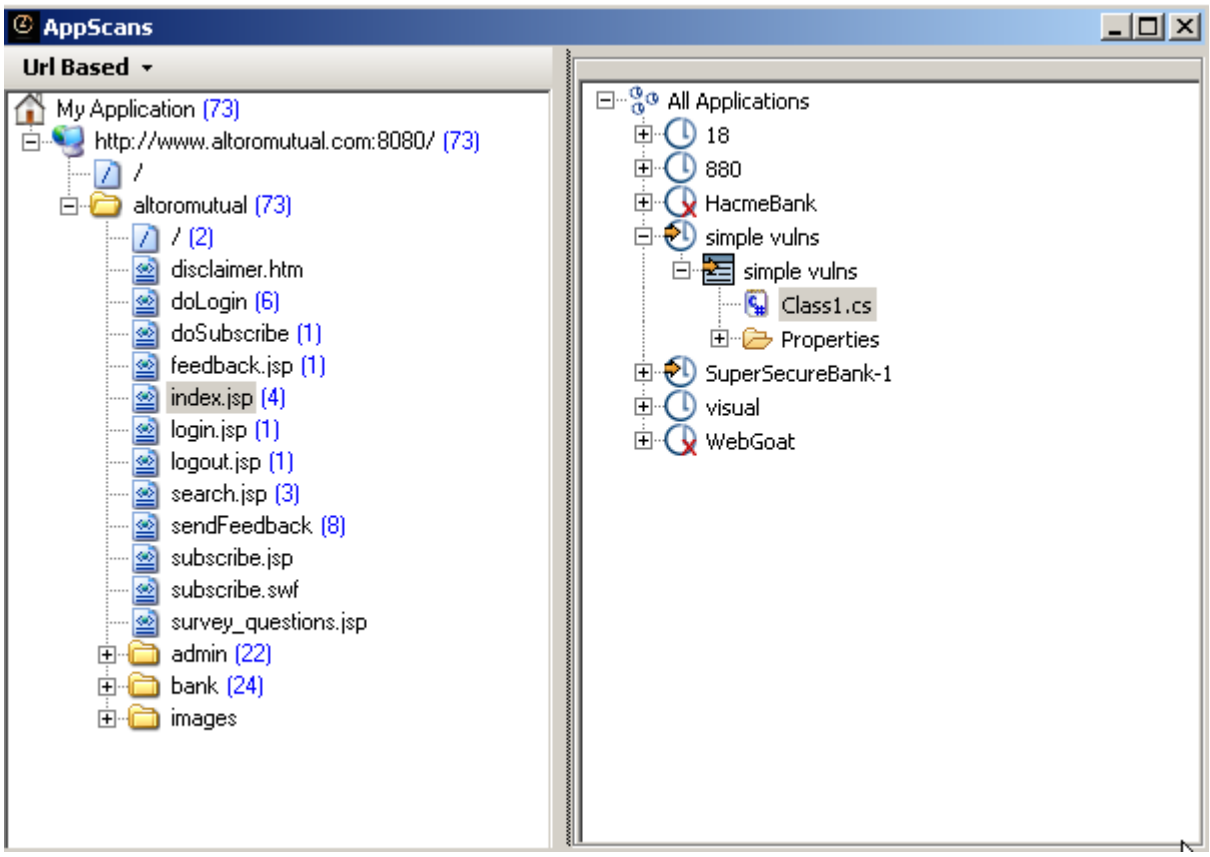


And cby licking on the Class1.cs TreeNode (in the AppScan Source TreeView) opened the Class1.cs file in the original GUI :



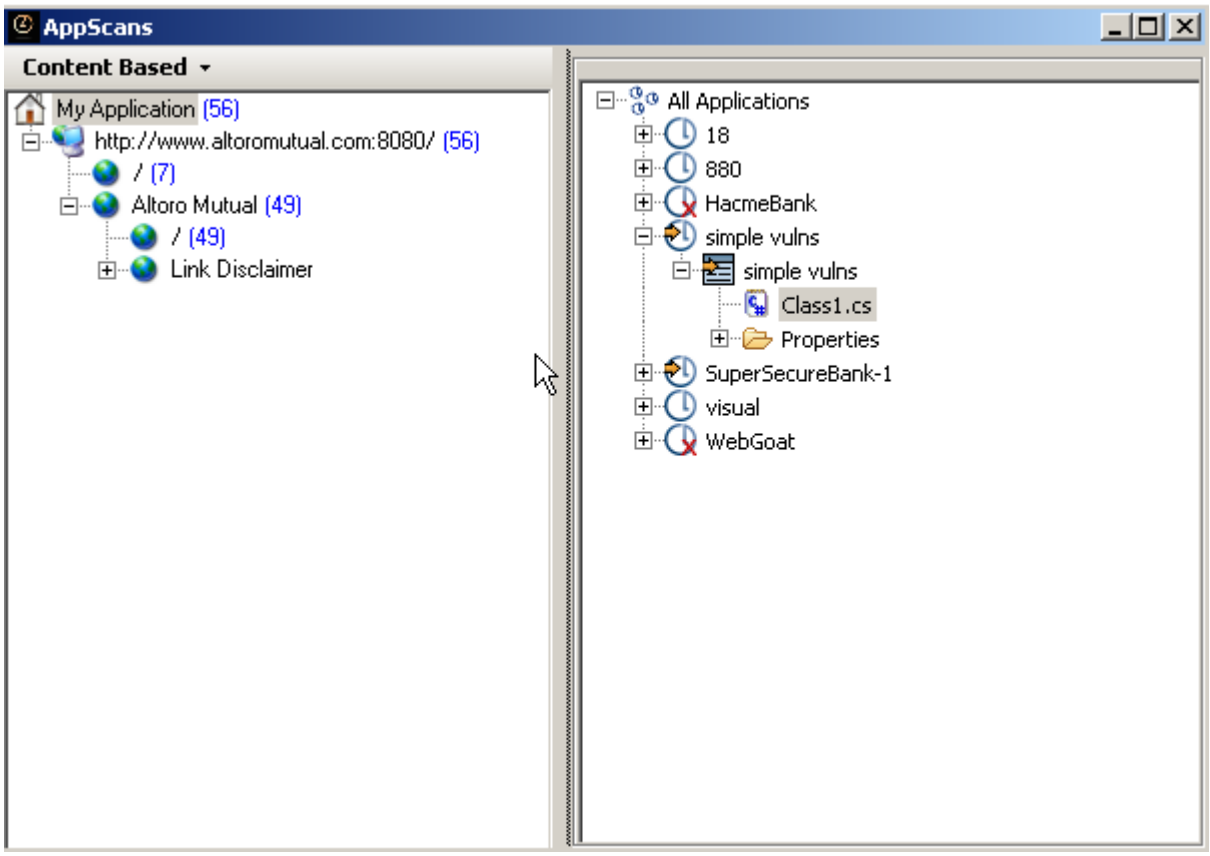
Here is the code that does this (its amazingly small :)):

```
//var panel1 = "panel1".popupWindow(1000,400);
var panel1 = "AppScans".popupWindow().add_Panel(true);
//var panel1 = panel.add_Panel(true);
var panel2 = panel1.insert_Right("");

Action<IntPtr,IntPtr> setParent =
       (source, target) => {
                                WinAPI.SetParent(source, target);


                           };
setParent(new IntPtr(0x30F6E), panel1.Handle);
setParent(new IntPtr(0x40F98), panel2.Handle);


//O2File:API_WinAPI.cs
```



note how the treeViews are fully functional:

For example, following from the GUI as shown above, here is what happens when we change the type of AppScan Standard results (shown on the left), from 'Url Based' to 'Content Based' (using the small drop-down box)

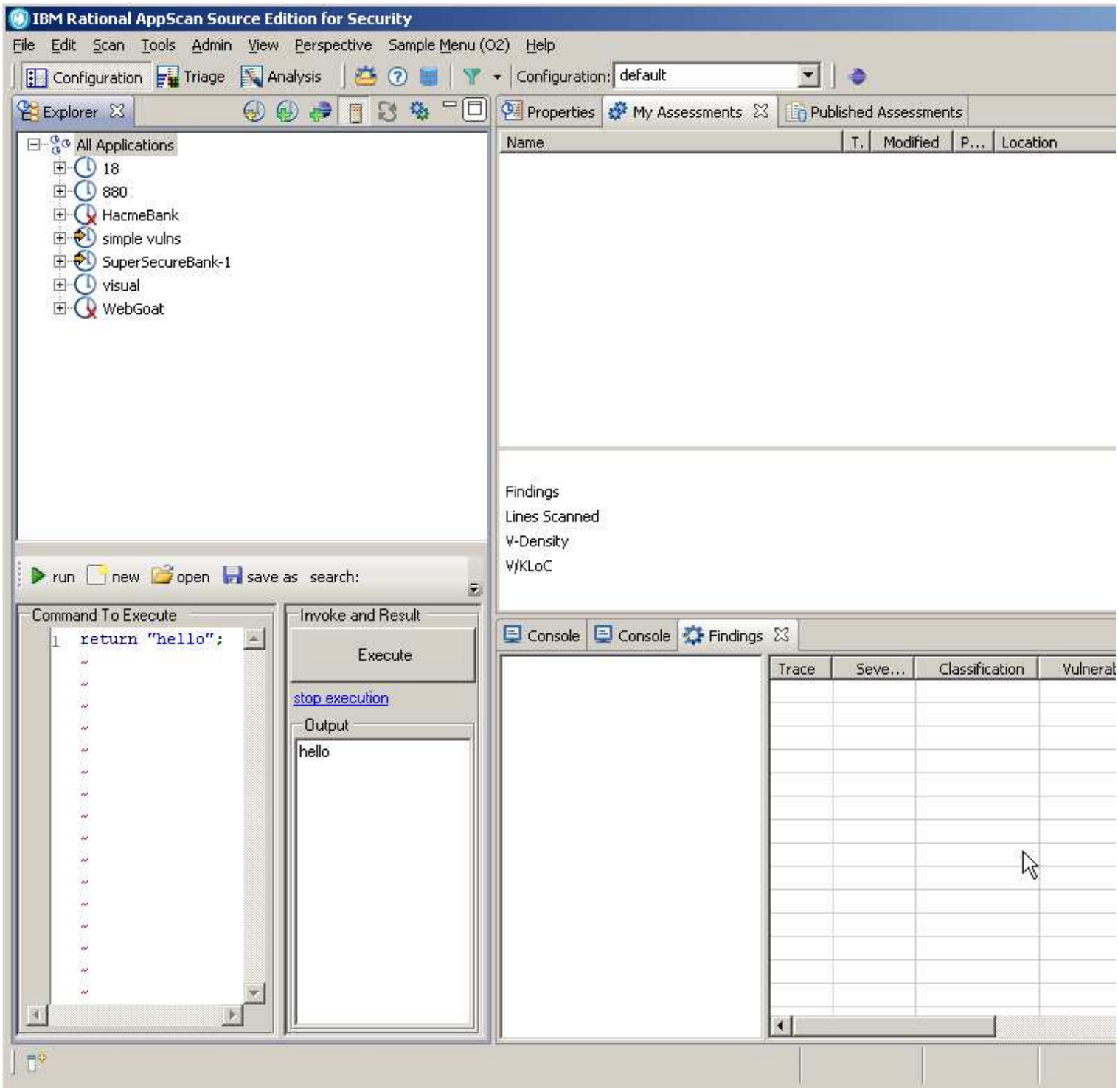


Since it will be more usefull to inject the 'external' control into the actual tool, lets see how to add new controls (hosted by

external processes or threads) into AppScan Source (the JVM app)

Example 1: Injecting a C# repl into AppScan source

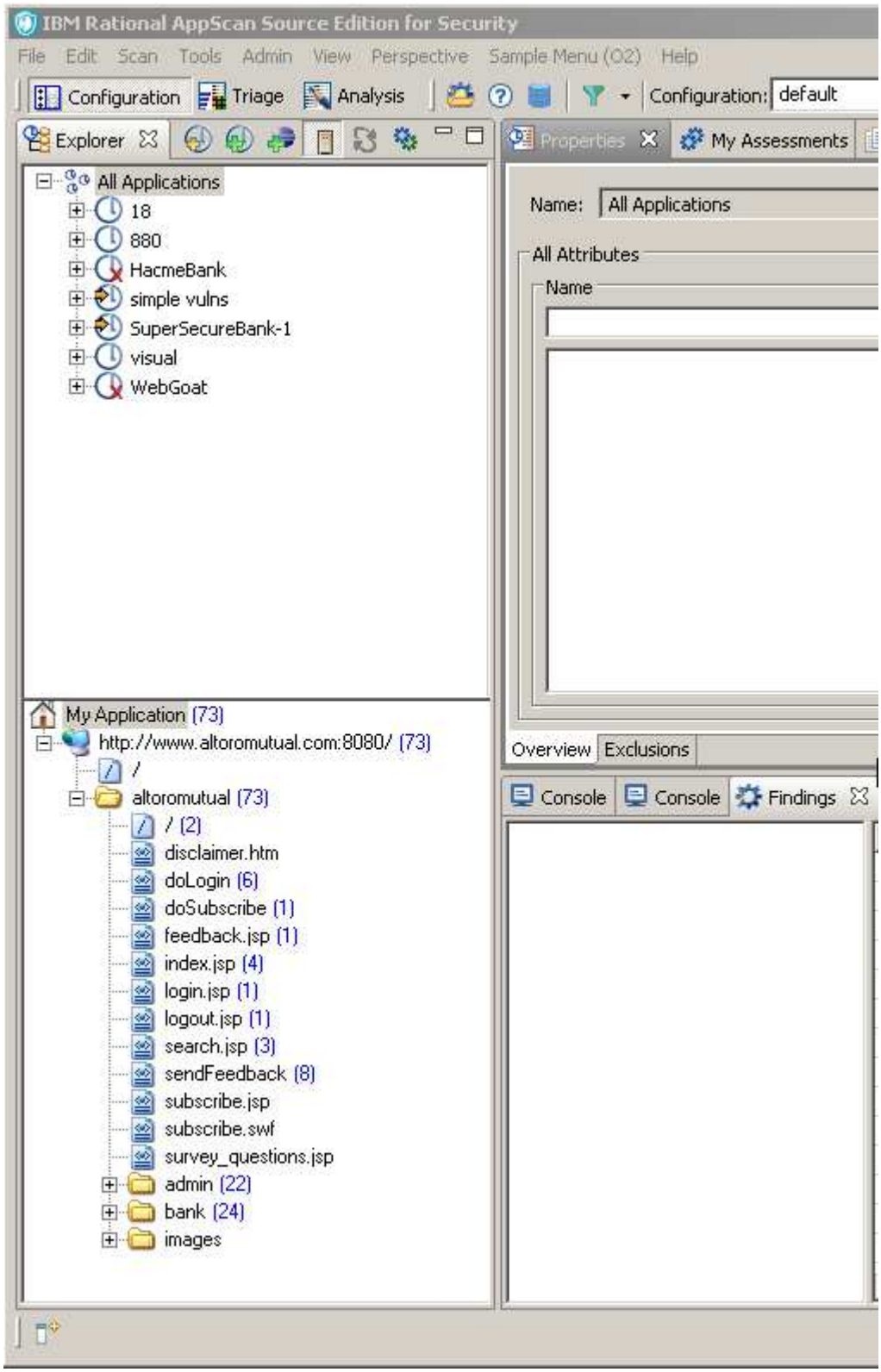
```
var currentProcess = Processes.getCurrentProcess();
var treeView = new IntPtr(266930);
var treeViewParent = WinAPI.GetParent(treeView);

WinAPI.MoveWindow(treeView,0,0,350,300,true);

O2Thread.staThread(
       ()=>{
                    var _panel = new Panel() {
                                                                Top = 310,    Left = 0,
                                                                Width = 340, Height = 350
                                                        };
                    WinAPI.SetParent(_panel.Handle, treeViewParent);


                    //_panel.script_Me();
                    _panel.add_Script();

                    Application.Run();
             });
return WinAPI.GetClassName(treeView);


//O2File:API_WinAPI.cs
```

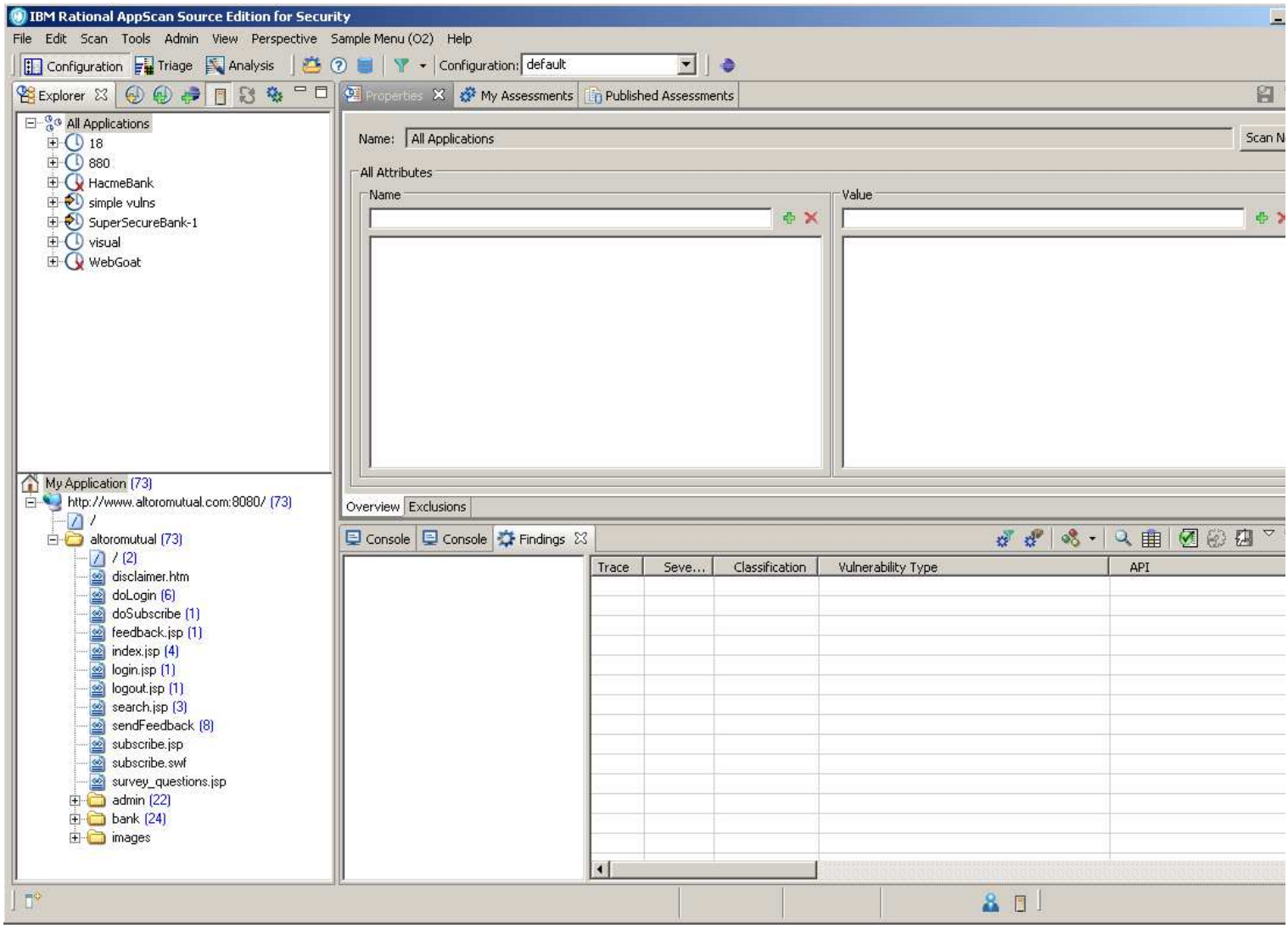


Example 2 Injecting AppScan Standard TreeView into AppScan Source

```
var currentProcess = Processes.getCurrentProcess();
var treeView = new IntPtr(266930);
var treeViewParent = WinAPI.GetParent(treeView);

WinAPI.MoveWindow(treeView,0,0,350,300,true);

O2Thread.staThread(
	()=>{
			var _panel = new Panel() {
                                                        Top = 310,    Left = 0,
                                                        Width = 340, Height = 350
                                                    };
			WinAPI.SetParent(_panel.Handle, treeViewParent);


			//_panel.script_Me();;
			WinAPI.SetParent(new IntPtr(0xE1696), _panel.Handle);
			Application.Run();
```

```
            });
return WinAPI.GetClassName(treeView);

//O2File:API_WinAPI.cs
```




IBM Rational AppScan Source Edition for Security
File Edit Scan Tools Admin View Perspective Sample Menu (O2) Help
Configuration Triage Analysis
Configuration: default
Explorer
All Applications
18
880
HacmeBank
simple vulns
SuperSecureBank-1
visual
WebGoat
My Application (73)
http://www.altoromutual.com:8080/ (73)
/
altoromutual (73)
/ (2)
disclaimer.htm
doLogin (6)
doSubscribe (1)
feedback.jsp (1)
index.jsp (4)
login.jsp (1)
logout.jsp (1)
search.jsp (3)
sendFeedback (8)
subscribe.jsp
subscribe.swf
survey_questions.jsp
admin (22)
bank (24)
images
Properties
My Assessments
Published Assessments
Name: All Applications
All Attributes
Name
Value
Overview
Exclusions
Console
Console
Findings
Trace
Seve...
Classification
Vulnerability Type
API