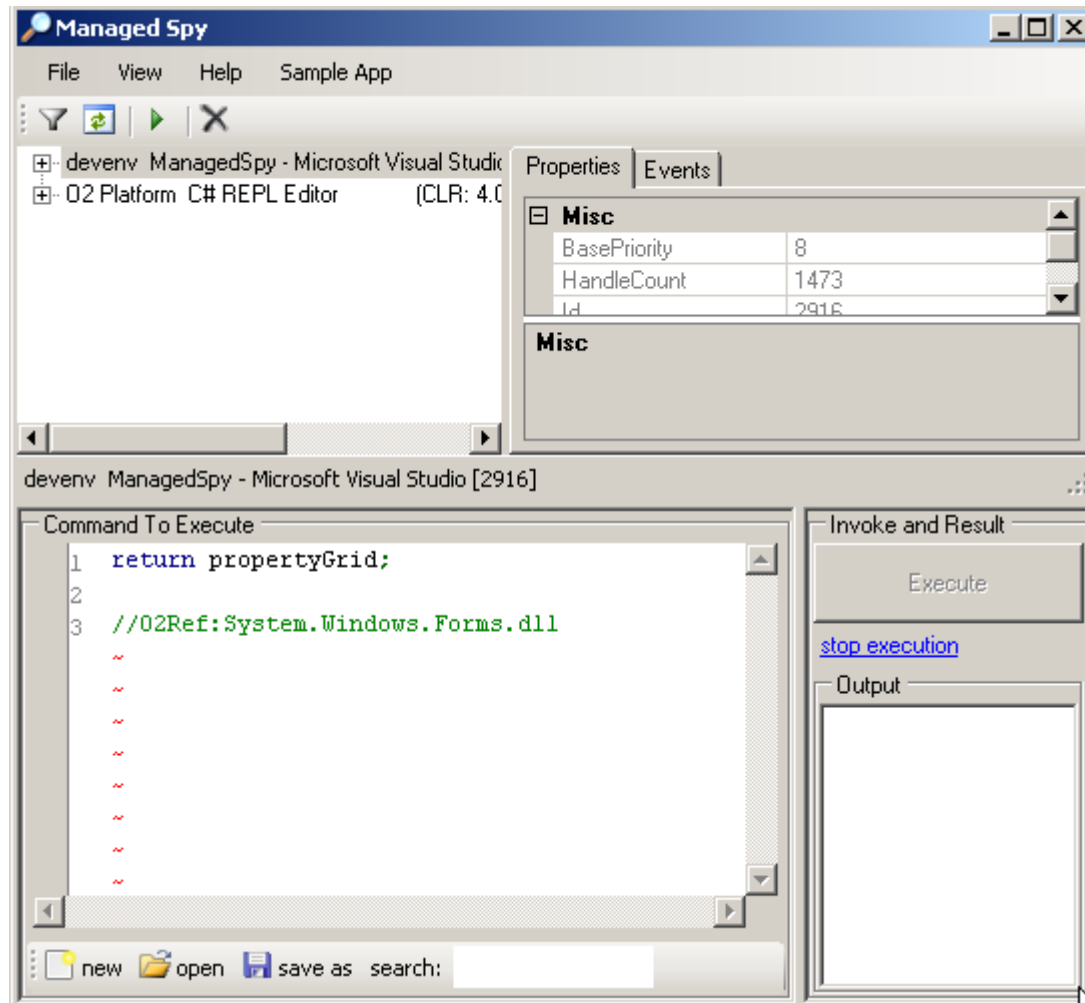


ManagedSpy - Adding new features to ManagedSpy.exe (part 3)

in Part1 we added a new menu and C# script editor



and used the script below to show the DataGridView with current events on the right

```
var form1 = (Form1)propertyGrid.parentForm();
var tabControl = propertyGrid.parentForm().control<TabControl>(true);
var eventFilterDialog = (EventFilterDialog)propertyGrid.parentForm().field("dialog");

//Check if already added a control to the right of tabControl and if so we need to remove it
var splitContainer = form1.field("splitContainer1") as SplitContainer;
var newRightPanelIsThere = splitContainer.Panel2.controls().first() is SplitContainer;

var dataGridView = (newRightPanelIsThere)
    ? splitContainer.Panel2.controls<DataGridView>(true).second()
    : eventFilterDialog.control<DataGridView>().columnWidth(0,-1).columnWidth
(1,50);

if (newRightPanelIsThere)
    tabControl.splitContainer().parent().clear().add_Control(tabControl);

var rightPanel = tabControl.insert_Right("Event Filters");
rightPanel.add_Control(dataGridView);

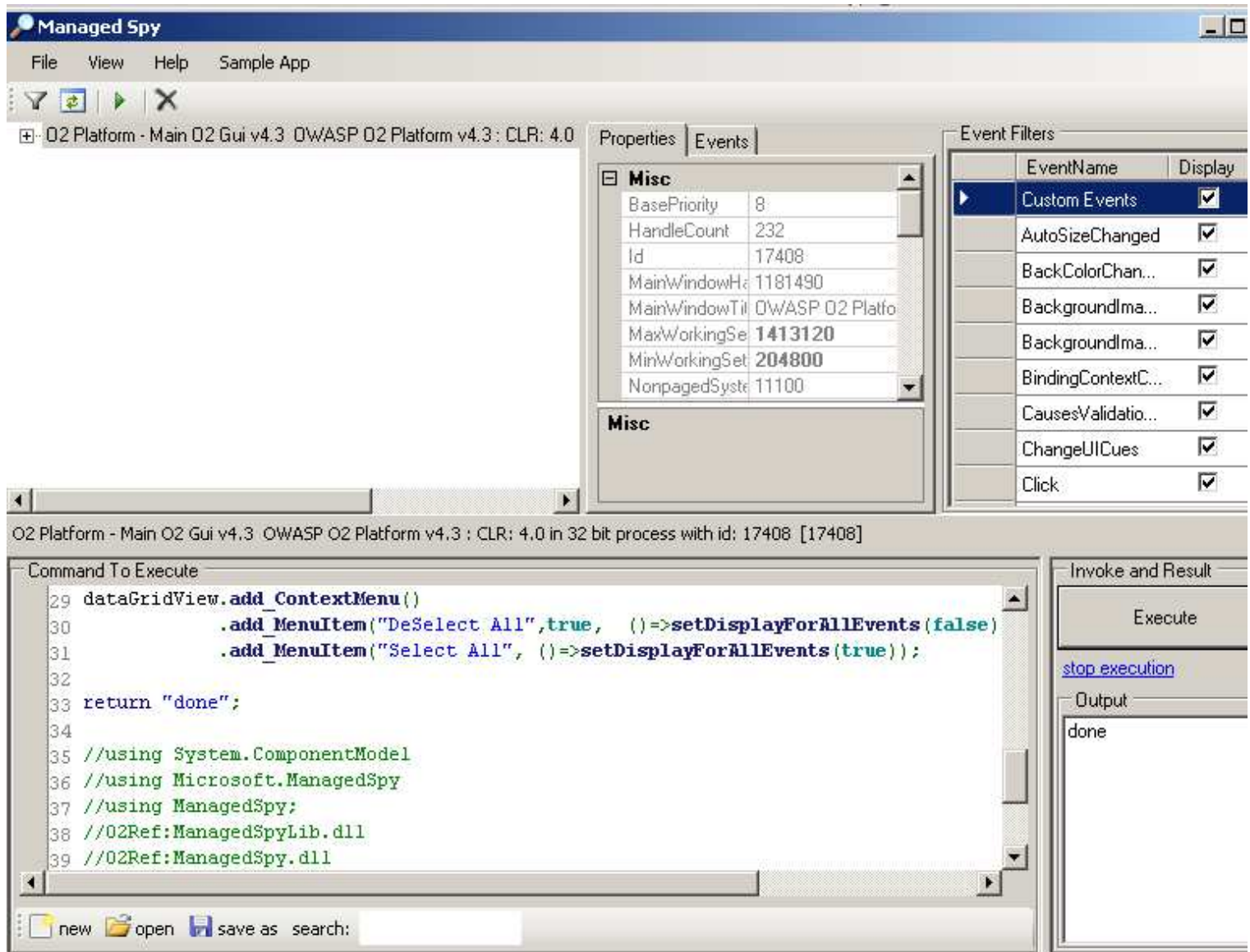
Action<bool> setDisplayForAllEvents =
    (value)=>{
        dataGridView.Rows.forEach(
            (DataGridViewRow row)=> row.Cells[1].Value = value);
    };

dataGridView.add_ContextMenu()
    .add_MenuItem("DeSelect All",true, ()=>setDisplayForAllEvents(false))
    .add_MenuItem("Select All", ()=>setDisplayForAllEvents(true));
```

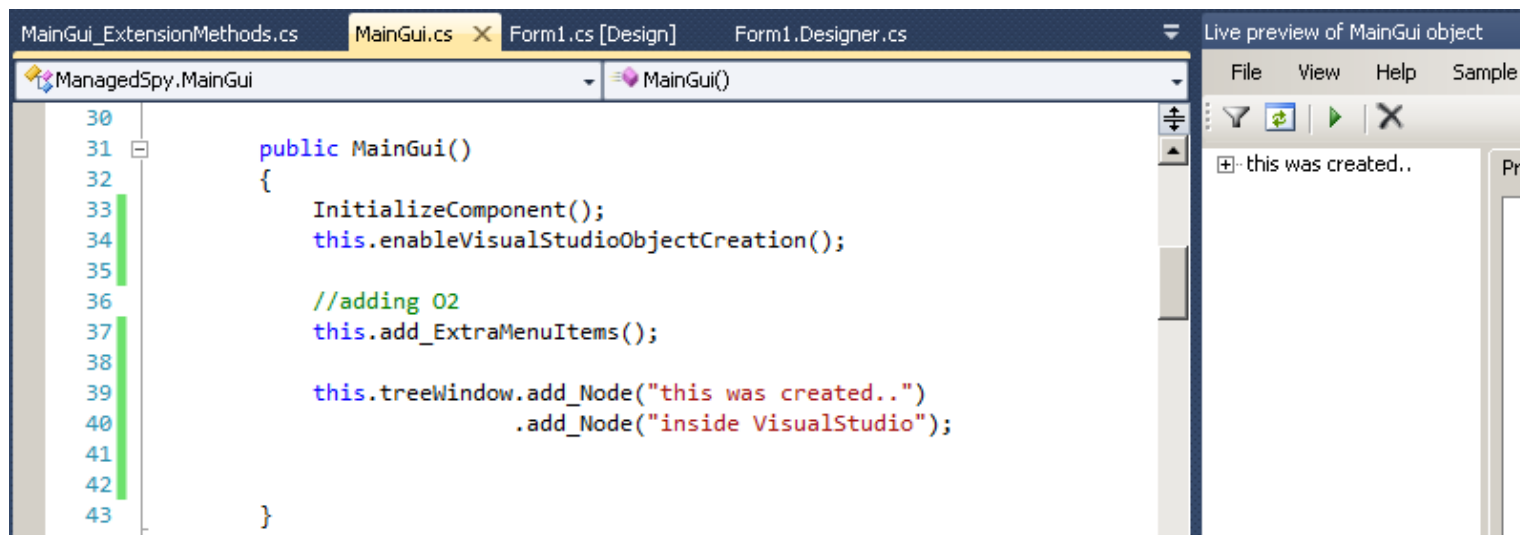
```
return "done";
```

```
//using System.ComponentModel
//using Microsoft.ManagedSpy
//using ManagedSpy;
//O2Ref:ManagedSpyLib.dll
//O2Ref:ManagedSpy.dll
```

which looks like this (note that the DataGridView is now on the right)



In part 2 we moved the *Form1.cs* code into a separate UserControl (*MainGui.cs*) and used O2's C# REPL VisualStudio extension to create an environment where we have a live view of a compiled version of the MainGui object (without needing to leave visualStudio and run the application)



So the next step is to add the Event Filters from the main code and not dynamically (as shown above)