

```
1 using Newtonsoft.Json.Linq;
2 using System;
3 using System.Collections.Generic;
4 using System.ComponentModel;
5 using System.Data;
6 using System.Drawing;
7 using System.Linq;
8 using System.Text;
9 using System.Threading.Tasks;
10 using System.Windows.Forms;
11
12 namespace CASP_Standalone_Implementation.Forms
13 {
14     public partial class ErrorProviderForm : Form
15     {
16         int numErrors;
17         int numWarnings;
18
19         public int NumErrors
20         {
21             get
22             {
23                 return numErrors;
24             }
25         }
26         public int NumWarnings
27         {
28             get
29             {
30                 return numWarnings;
31             }
32         }
33
34         public ErrorProviderForm(JObject CASP_Response)
35         {
36             InitializeComponent();
37             ShowErrors(CASP_Response);
38             ShowWarnings(CASP_Response);
39         }
40
41         void ShowErrors(JObject CASP_Response)
42         {
43             JArray errors = (JArray)CASP_Response["Errors"];
44             ShowInList(errors, ErrorList);
45             numErrors = errors.Count;
46             ErrorsTab.Text = "Errors (" + numErrors + ")";
47         }
48
49         void ShowWarnings(JObject CASP_Response)
50         {
51             JArray warnings = (JArray)CASP_Response["Warnings"];
52             ShowInList(warnings, WarningList);
53             numWarnings = warnings.Count;
54             WarningsTab.Text = "Warnings (" + numWarnings + ")";
55         }
56
57         void ShowInList(JArray list, ListBox control)
58         {
59             for (int i = 0; i < list.Count; i++)
60                 control.Items.Add((string)list[i]["message"]);
61         }
62     }
63 }
64 }
```