

```
1 using System.Drawing;
2 using System.Windows.Forms;
3 using CASP_Standalone_Implementation.Src;
4 using Newtonsoft.Json.Linq;
5 using System.Collections.Generic;
6 using System;
7 using System.Linq;
8 using System.Drawing.Drawing2D;
9
10 namespace CASP_Standalone_Implementation.Forms
11 {
12     public partial class CASP_TranslateForm : CASP_OutputForm // Form
13     {
14         class Output
15         {
16             public KeyValuePair<string, string> Source { get; set; }
17             public KeyValuePair<string, string> Target { get; set; }
18         }
19
20         public CASP_TranslateForm()
21         {
22             InitializeComponent();
23         }
24
25         public override void Set_CASP_Output(JObject CASP_Response)
26         {
27             Output output = ParseResponse(CASP_Response);
28
29             SourceLanguageBox.Text = output.Source.Key;
30             SourceDataBox.Text = output.Source.Value;
31             TargetLanguageBox.Text = output.Target.Key;
32             TargetDataBox.Text = output.Target.Value;
33
34         }
35
36         private Output ParseResponse(JObject CASP_Response)
37         {
38             JObject data = (JObject)CASP_Response["Data"];
39             JObject source = (JObject)data["OriginalSource"];
40             JObject target = (JObject)data["TranslatedSource"];
41
42             string slanguage = "", sdata = "", tlanguage = "", tdata = "";
43
44             if (source != null)
45             {
46                 slanguage = source["Language"].ToString();
47                 sdata = source["Data"].ToString();
48             }
49             if (target != null)
50             {
51                 tlanguage = target["Language"].ToString();
52                 tdata = target["Data"].ToString();
53             }
54
55             return new Output() {
56                 Source = new KeyValuePair<string, string>(slanguage, sdata),
57                 Target = new KeyValuePair<string, string>(tlanguage, tdata)
58             };
59         }
60     }
61 }
62 }
```