

# MyPhotos

## Antet:

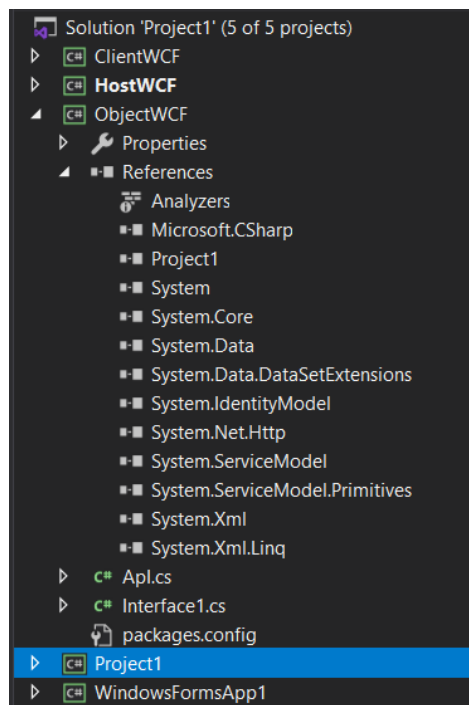
Subsemnatul Trufanda Bogdan Gheorghe, declar pe propria raspundere ca acest cod nu a fost copiat din Internet sau din alte surse. Pentru documentare am folosit urmatoarele surse:

<https://docs.microsoft.com/en-us/dotnet/framework/wcf/how-to-host-a-wcf-service-in-a-managed-application>

<https://profs.info.uaic.ro/~iasimin/Laborator%20C%20S%20H/Laborator%20WCF%202020.pdf>

## Obiectele din serviciu:

Vom adauga o referinta la primul proiect folosind primitiva using Project1, asa cum se poate vedea in poza de mai jos.



```

2  using System.Collections.Generic;
3  using System.Linq;
4  using System.ServiceModel;
5  using System.Text;
6  using System.Threading.Tasks;
7  using Project1;
8
9  namespace ObjectWCF
10 {
11     [ServiceContract]
12     interface Interface1
13     {
14         [OperationContract]
15         void Add(string a, string b, string c, string d, string e, string f, string g);
16         [OperationContract]
17         void Remove(string path);
18         [OperationContract]
19         void Update(string a, string b, string c);
20         IEnumerable<string> GetColumnNames();
21         [OperationContract]
22         List<string> GetPaths();
23         List<string> GetAll();
24         [OperationContract]
25         List<string> Get(string a);
26     }
27 }

```

In fisierul Interface1.cs se afla numele fiecarei metode din API-ul proiectului. In fisierul ApI.cs, dupa cum se vede in poza de mai jos avem si apelul direct catre functie impreuna cu ce returneaza fiecare in parte(in cazul in care functia e void, este doar apelata, fara a face return).

```

1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5  using System.Threading.Tasks;
6  using Project1;
7
8  namespace ObjectWCF
9  {
10     public class ApI : Interface1
11     {
12         void Interface1.Add(string name, string path, string size, string creation, string accesed, string suffix, string resolution)
13         {
14             Class1.Add(name, path, size, creation, accesed, suffix, resolution);
15         }
16         void Interface1.Remove(string path)
17         {
18             Class1.Remove(path);
19         }
20         void Interface1.Update(string column, string value, string path)
21         {
22             Class1.Update(column, value, path);
23         }
24         IEnumerable<string> Interface1.GetColumnNames()
25         {
26             return Class1.GetColumnNames();
27         }
28         List<string> Interface1.GetPaths()
29         {
30             return Class1.GetPaths();
31         }
32     }
33 }

```