

Subsemnata Andra – Elena N. Paduraru declara pe propria raspundere ca acest cod nu a fost copiat din Internet sau din alte surse. Pentru documentare am folosit urmatoarele surse:

Link-uri:

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

<https://profs.info.uaic.ro/~iasimin/Laborator%20C%20S%20H/Laborator1-2016.pdf>

<https://stackoverflow.com/questions/8986975/c-sharp-return-different-types>

<https://www.c-sharpcorner.com/UploadFile/mahesh/create-a-text-file-in-C-Sharp/>

<https://stackoverflow.com/questions/34851800/export-data-from-sql-server-to-text-file-in-c-sharpsaving-to-a-specific-folder>

<https://www.aspsnippets.com/Articles/Export-data-from-SQL-Server-to-Text-file-in-C-andVBNet.aspx>

<https://stackoverflow.com/questions/6062192/there-is-already-an-open-datareader-associated-with-thiscommand-which-must-be-c>

<https://stackoverflow.com/questions/18475195/error-there-is-already-an-open-datareader-associatedwith-this-command-which-mu/18475525>

<https://docs.microsoft.com/enus/dotnet/api/system.data.sqlclient.sqlparametercollection.addwithvalue?view=netframework-4.8>

<https://stackoverflow.com/questions/1132422/open-a-folder-using-process-start>

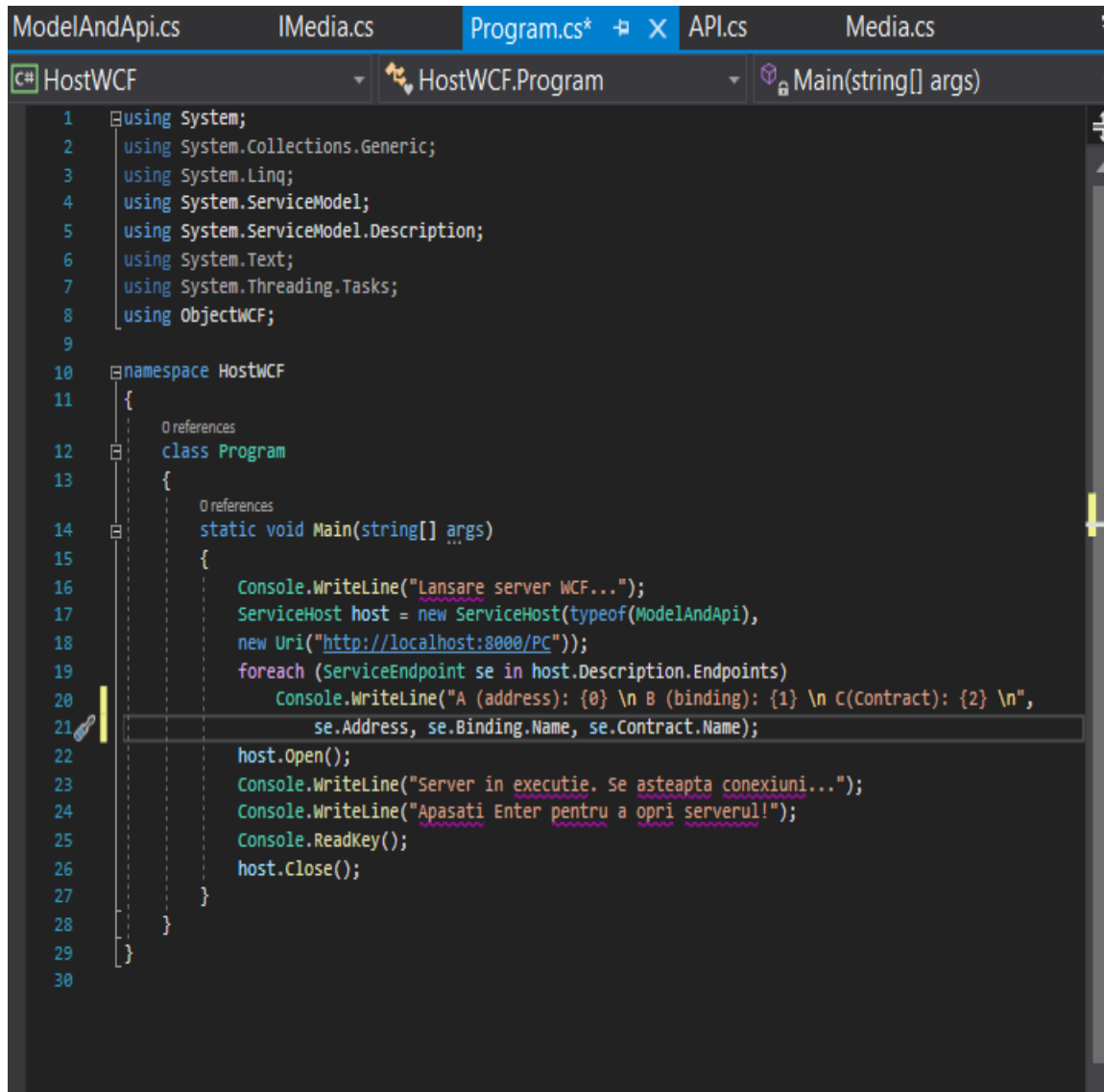
<https://docs.microsoft.com/en-us/dotnet/framework/winforms/controls/how-to-bind-data-to-thewindows-forms-datagridview-control>

<https://stackoverflow.com/questions/27874566/getting-values-from-sql-reader-c-sharp>

<https://forums.asp.net/t/1794939.aspx?How+to+read+output+of+sql+command+C+>

Host:

S-a creat proiectul HostWCF cu referinta la ObjectWCF. S-a adaugat codul pentru completare in program.cs si s-a editat app.config:



```
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.ServiceModel;
5  using System.ServiceModel.Description;
6  using System.Text;
7  using System.Threading.Tasks;
8  using ObjectWCF;
9
10 namespace HostWCF
11 {
12     class Program
13     {
14         static void Main(string[] args)
15         {
16             Console.WriteLine("Lansare server WCF...");
17             ServiceHost host = new ServiceHost(typeof(ModelAndApi),
18                 new Uri("http://localhost:8000/PC"));
19             foreach (ServiceEndpoint se in host.Description.Endpoints)
20                 Console.WriteLine("A (address): {0} \n B (binding): {1} \n C(Contract): {2} \n",
21                     se.Address, se.Binding.Name, se.Contract.Name);
22             host.Open();
23             Console.WriteLine("Server in executie. Se asteapta conexiuni...");
24             Console.WriteLine("Apasati Enter pentru a opri serverul!");
25             Console.ReadKey();
26             host.Close();
27         }
28     }
29 }
30
```

```

<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <startup>
    <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.7.2" />
  </startup>

  <connectionStrings>
    <add name="ModelContainer"
      connectionString="metadata=res://*/Model1.csdl|res://*/Model1.ssd1|res://*/Model1.msl;provider=System.Data.SqlClient;provider connection string="
      data source=DESKTOP-A6HM40I;initial catalog=ProiectMedia;integrated security=True;MultipleActiveResultSets=True;App=EntityFramework";
      providerName="System.Data.EntityClient"/>
  </connectionStrings>

  <system.serviceModel>
    <services>
      <service name="ObjectWCF.ModelAndApi" behaviorConfiguration="metadataSupport">

        <endpoint address="http://localhost:8000/PC" binding="basicHttpBinding" contract="ObjectWCF.IMedia" name="BasicHttpBinding_IMedia">
          <identity>
            <dns value="localhost"/>
          </identity>
        </endpoint>
        <endpoint address="mex" binding="mexHttpBinding" contract="IMetadataExchange" name="mexhttp"/>
      </service>
    </services>
    <behaviors>
      <serviceBehaviors>
        <behavior name="metadataSupport">
          <!-- Enables the IMetadataExchange endpoint in services that -->
          <!-- use "metadataSupport" in their behaviorConfiguration -->
          <!-- attribute. -->
          <!-- In addition, the httpGetEnabled and httpGetUrl -->
          <!-- attributes publish-->
          <!-- Service metadata for retrieval by HTTP/GET at the address -->
          <!-- "http://192.168.0.102:8000/SampleService?wsdl" -->
          <serviceMetadata httpGetEnabled="true" httpGetUrl="" />
          <!-- <serviceMetadata/> -->
          <serviceDebug includeExceptionDetailInFaults="true"/>
        </behavior>
      </serviceBehaviors>
    </behaviors>
  </system.serviceModel>
</configuration>

```

Rezultatul in urma rularii host-ului:

