

Subsemnata Bulboaca Maria declar pe propria raspundere ca acest cod nu a fost copiat din Internet sau din alte surse.

Pentru documentare am folosit urmatoarele surse:

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

Documentatie HostService

Pentru inceput am adaugat referinta la proiectul ObjectWCF.

Am adaugat referinte la System.ServiceModel si System.ServiceModel.Description.

Am completat fisierul de configurare pentru server App.config.

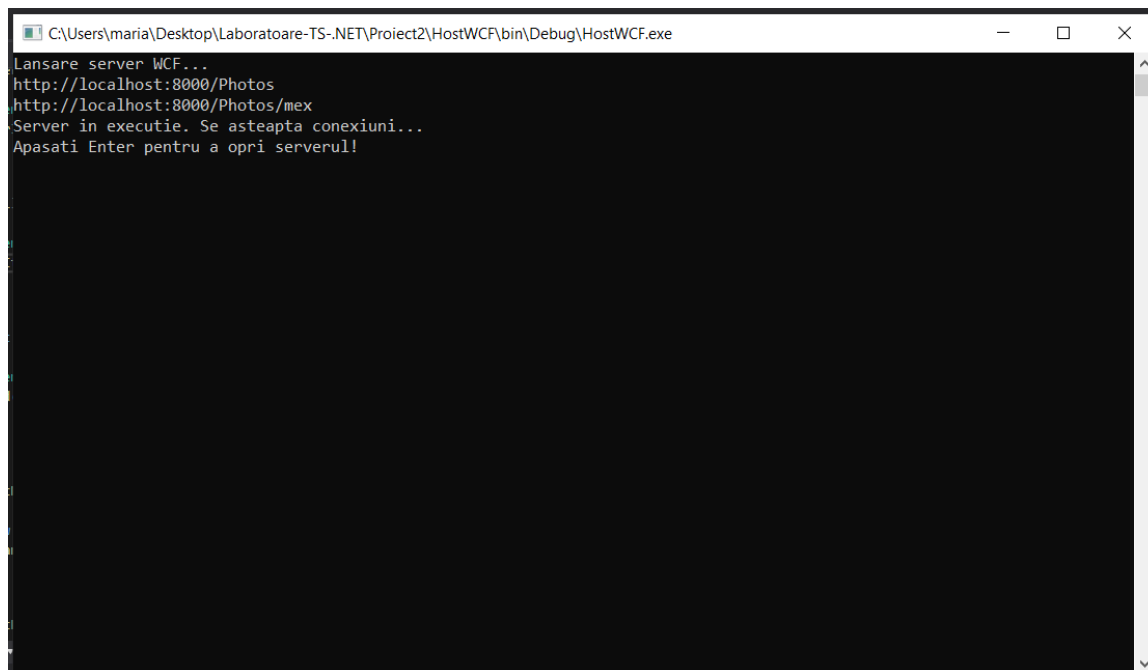
```
<connectionStrings>
  <add name="PhotoModelContainer" connectionString="metadata=res://*/PhotoModel.csdl|res://*/PhotoModel.ssdl|res://*/PhotoModel.msl;provider=System.Data.SqlClient;provider connection string=&quot;data source=DES
</connectionStrings>
</connectionStrings>
<system.serviceModel>
  <bindings>
    <binding closeTimeout="00:05:00" openTimeout="00:05:00" sendTimeout="00:05:00" maxBufferPoolSize="2147483647" maxBufferSize="2147483647" maxReceivedMessageSize="2147483647">
      <readerQuotas maxDepth="2147483647" maxStringContentLength="2147483647" maxArrayLength="2147483647" maxBytesPerRead="2147483647" maxNameTableCharCount="2147483647" />
    </binding>
  </bindings>
</bindings>
<services>
  <service name="ObjectWcf.ItemPerson" behaviorConfiguration="metadataSupport">
    <endpoint address="http://localhost:8000/Photos" binding="basicHttpBinding" contract="ObjectWcf.IItemPerson" name="BasicHttpBinding_IItemPerson">
      <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.ssd1" -->
      <serviceMetadata httpGetEnabled="true" httpGetUrl="" />
      <!-- <serviceMetadata> -->
      <serviceDebug includeExceptionDetailsInFaults="true" />
      <dataContractSerializer maxItemsInObjectGraph="2147483647" />
    </behavior>
  </serviceBehaviors>
</behaviors>
```

Am create un host pentru serviciu.

```
namespace HostWCF
{
    0 references
    class Program
    {
        0 references
        static void Main(string[] args)
        {
            Console.WriteLine("Lansare server WCF...");
            ServiceHost host = new ServiceHost(typeof(ItemPerson),
                new Uri("http://localhost:8000/Photos"));
            foreach (ServiceEndpoint se in host.Description.Endpoints)
                Console.WriteLine(se.Address.ToString());
            host.Open();
            Console.WriteLine("Server in executie. Se asteapta conexiuni...");
            Console.WriteLine("Apasati Enter pentru a opri serverul!");
            Console.ReadKey();
            host.Close();
        }
    }
}
```

Si am obtinut adresa:



```
C:\Users\maria\Desktop\Laboratoare-TS-.NET\Proiect2\HostWCF\bin\Debug\HostWCF.exe
Lansare server WCF...
http://localhost:8000/Photos
http://localhost:8000/Photos/mex
Server in executie. Se asteapta conexiuni...
Apasati Enter pentru a opri serverul!
```