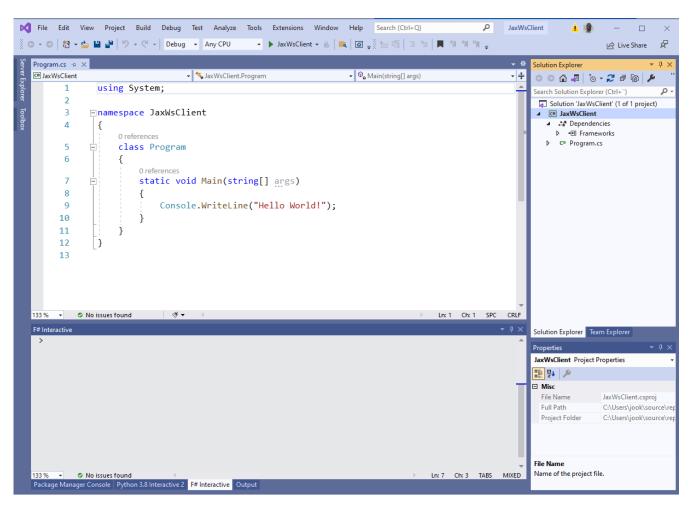
C# .NET Client to Java JAX-WS SOAP Web Service

In this tutorial, I will show you how to use Visual Studio (VS22) and Windows Communication Foundation (https://docs.microsoft.com/en-us/dotnet/framework/wcf/whats-wcf) to consume a Java SOAP web service.

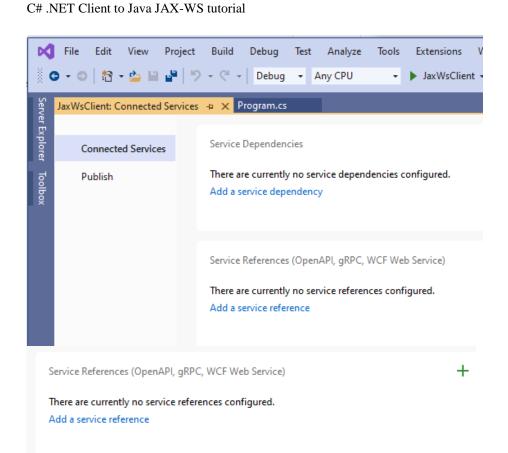
1) Create a console application



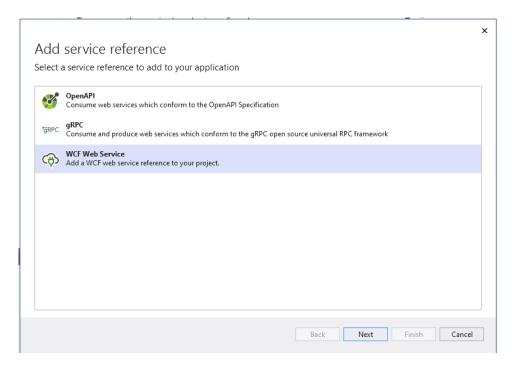
In Solution Explorer, double-click the **Connected Services** node of the project (for a .NET Core or .NET Standard project this option is available when you right-click on the **Dependencies** node of the project in Solution Explorer).

2) Connected Services (WCF Web Service)

The **Connected Services** page appears as shown in the following image:

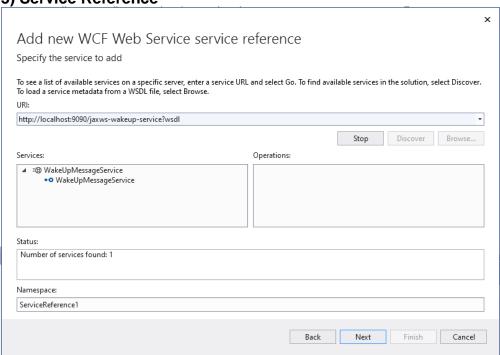


Click Add a service reference

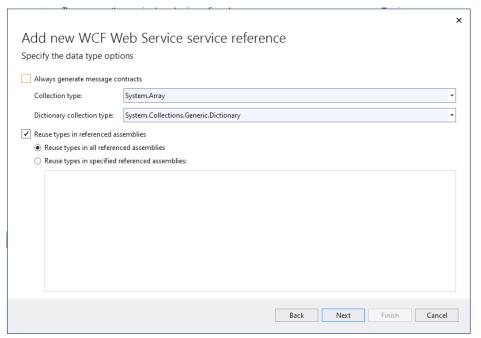


Click Next

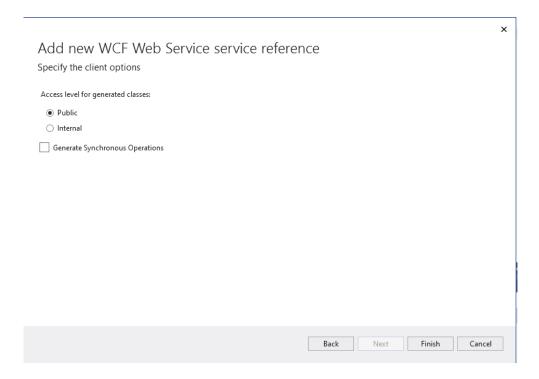
3) Service Reference



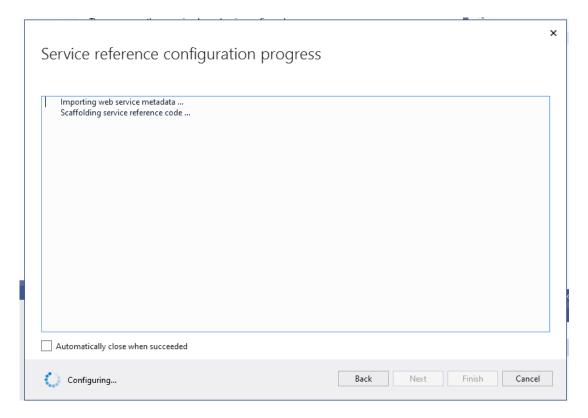
Click Next



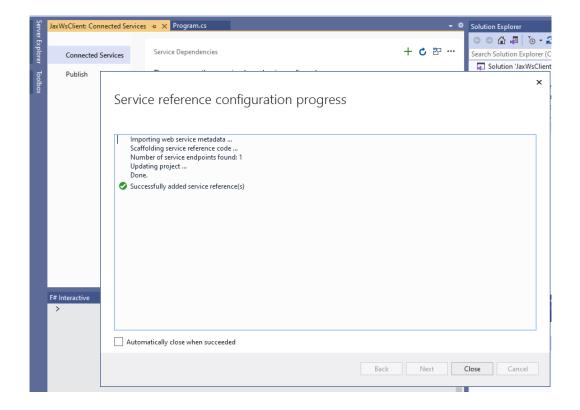
Click Next, and Select Public in the next window and the click Finish

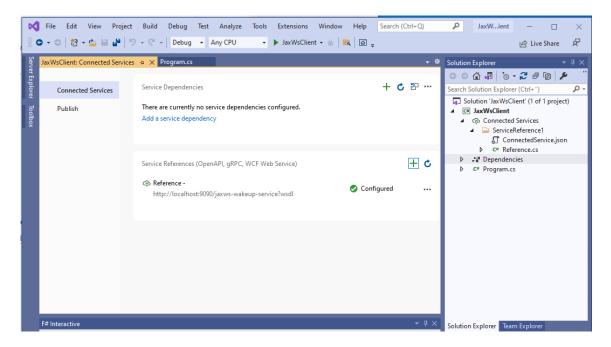


Visual Studio configures the service reference that can be used in the code.



When done click Close as shown in the next screenshot





You can now see the generated service reference codes in the Solution Explorer.

The next step is to write the client code that utilizes this generated service refence. The code snippet is shown in the next page.

4) Write your code

After the service reference configuration, import the service reference (ServiceReference1) from step 3, adding the namespace in the console app as shown below. Now you can call the web service methods from the console app.

5) Test your code

Set the console application project as the StartUp project by a right-click.

Right click JaxWsClient in the solution explorer > Set as Startup Project

Run the Program

