

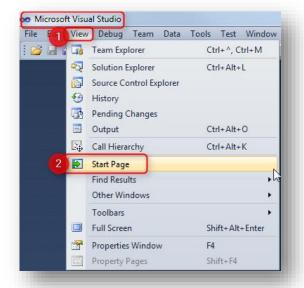
## Consume ASCET web service with script in C# in Microsoft Visual Studio 2010



- I want to consume an ASCET web service via a script in C# in Microsoft Visual Studio 2010
- How to create a web service reference to ASCET web services in Visual Studio?

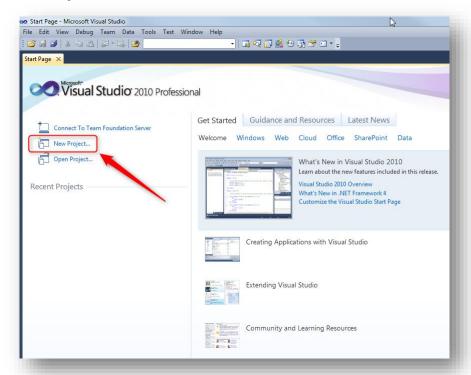


• In Microsoft Visual Studio 2010 > Menu bar > View > Start Page

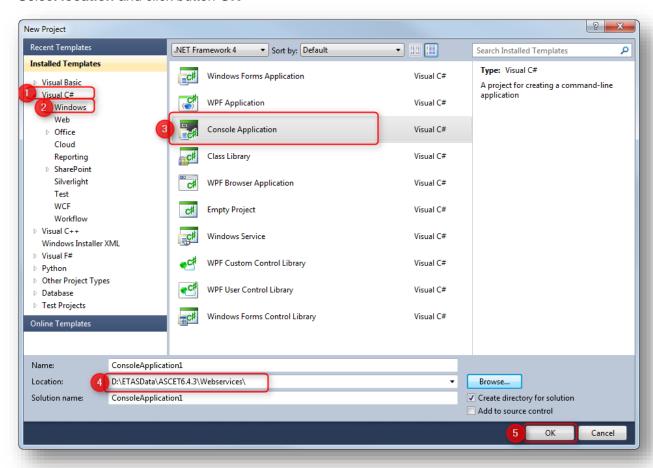




• Click on New Project...



- In dialog New Project > Visual C# > Windows > Console Application
- Select location and click button OK





· Console application stub is generated

```
ConsoleApplication1 - Microsoft Visual Studio

File Edit View Refactor Build Debug Team Data Tools Test W

Program.cs X

ConsoleApplication1.Program

Busing System;

System.Collections.Generic;

System.Ling;

System.Text;

Chamespace ConsoleApplication1

Class Program

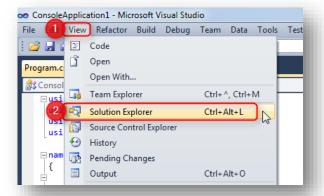
Class Program

Static void Main(string[] args)

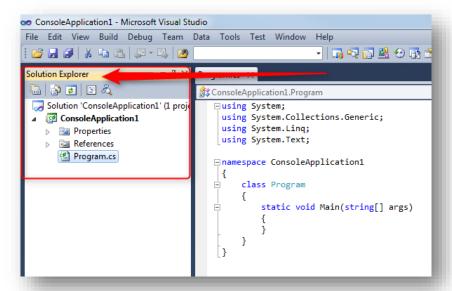
Static void Main(string[] args)

System.Text;
```

• In Visual Studio > Menu bar > View > Solution Explorer

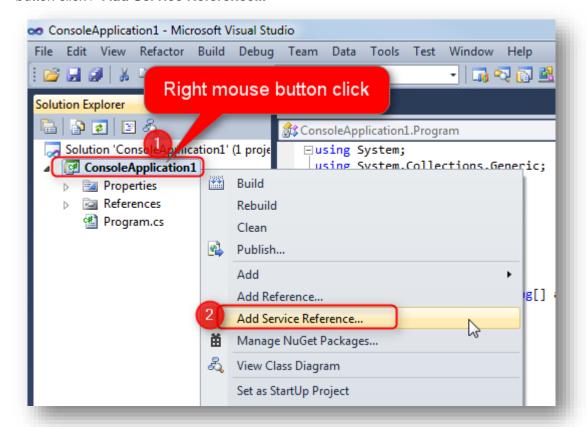


· Solution Explorer is displayed

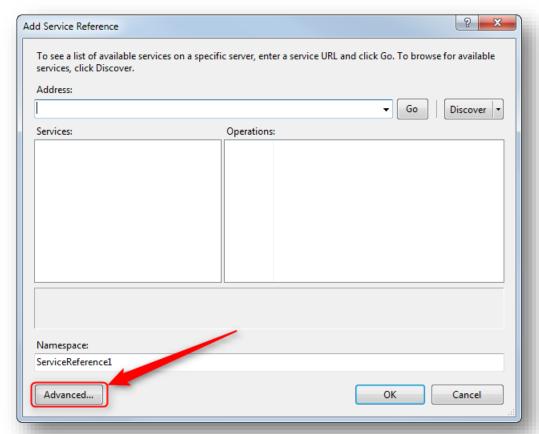




 In Solution Explorer > Move mouse pointer on the newly created application > Right mouse button click > Add Service Reference...

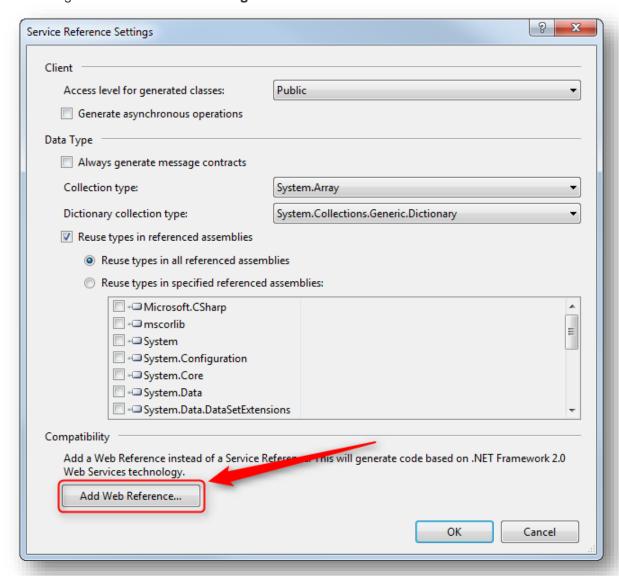


• In dialog Add Service Reference > Click button Advanced...





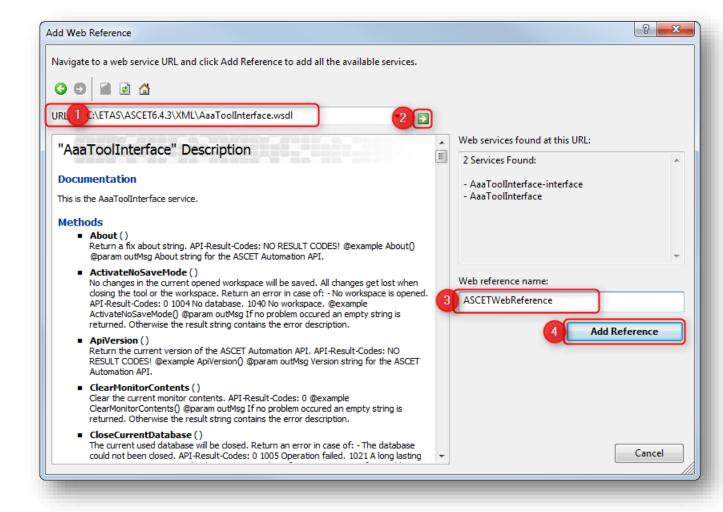
• In dialog Service Reference Settings > Click button Add Web Reference...



## DRIVING EMBEDDED EXCELLENCE

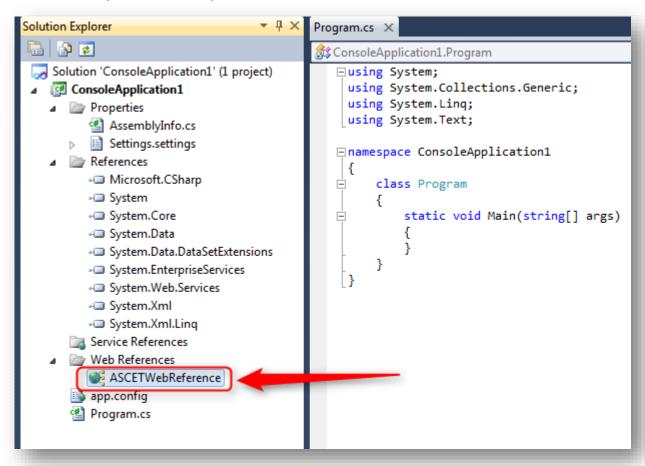


- In dialog Add Web Reference
  - In field URL: Enter the path and file name of the ASCET web service WSDL
    - Find the WSDL in <ASCET installation directory>\XML\
  - Click on white arrow in green square (on the right side of field URL)
  - In field Web reference name: Enter a name for the web reference
  - Click button Add Reference





In Solution Explorer: The newly created web reference is listed



• Make adjustments to the program as suggested per the following image/code sample:

```
Solution Explorer
                                                  Program.cs* X
🖺 🔓 🗷 🗵 🖧
                                                   🎎 ConsoleApplication1.Program
 Solution 'ConsoleApplication1' (1 project)
                                                      ⊡using System;
                                                        using System.Collections.Generic;

☑ ConsoleApplication1

                                                        using System.Linq;
    Properties
                                                        using System.Text;
using System.Web.Services;
           AssemblyInfo.cs
           Settings.settings
                                                        using ConsoleApplication1.ASCETWebReference;
      References
           Microsoft.CSharp
                                                      □ namespace ConsoleApplication1
           ■ System
           System.Core
                                                             class Program
           System.Data
                                                                  static void Main(string[] args)

    System.Data.DataSetExtensions

    System.EnterpriseServices

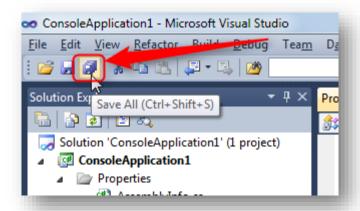
                                                                       AaaToolInterface tool = new AaaToolInterface();
           System.Web.Services
                                                                       Console.WriteLine("AscetWebService version: " + tool.Ping());
Console.WriteLine("AscetWebService version: " + tool.About());
Console.WriteLine("AscetWebService version: " + tool.ApiVersion());
           - System.Xml
           System.Xml.Ling
                                                                       Console.WriteLine("AscetWebService version: " + tool.ToolVersion());
       Service References
       Web References
           S ASCETWebReference
        🚵 app.config
        Program.cs
```



Code

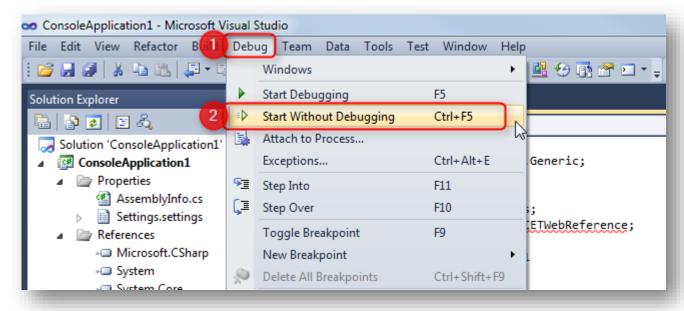
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Web.Services;
using ConsoleApplication1.ASCETWebReference;
namespace ConsoleApplication1
{
    class Program
        static void Main(string[] args)
        {
            AaaToolInterface tool = new AaaToolInterface();
            Console.WriteLine("AscetWebService version: " + tool.Ping());
            Console.WriteLine("AscetWebService version: " + tool.About());
            Console.WriteLine("AscetWebService version: " + tool.ApiVersion());
            Console.WriteLine("AscetWebService version: " + tool.ToolVersion());
        }
    }
}
```

· Now Save All files





Execute the application



Result:

```
AscetWebService version:
AscetWebService version: ASCET Automation API - (c) 2015 ETAS GmbH
AscetWebService version: 1.0.3
AscetWebService version: V6.4.3
Press any key to continue . . .
```



## Do you still have questions?

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- Movies corresponding to FAQ articles can be found on the ETAS YouTube channel as well
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- Here you can find all information: <a href="http://www.etas.com/en/hotlines.php">http://www.etas.com/en/hotlines.php</a>

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