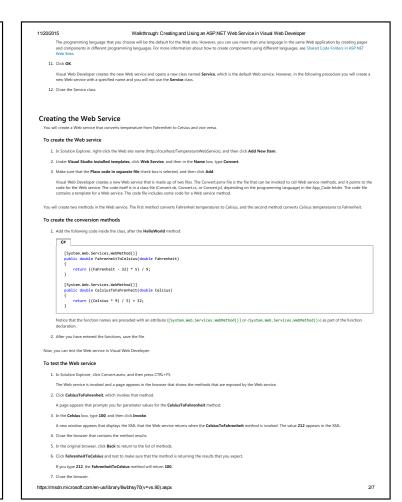
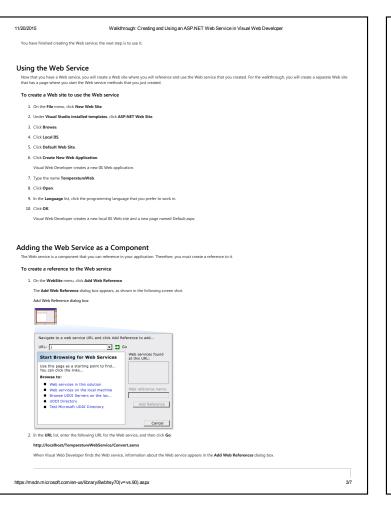
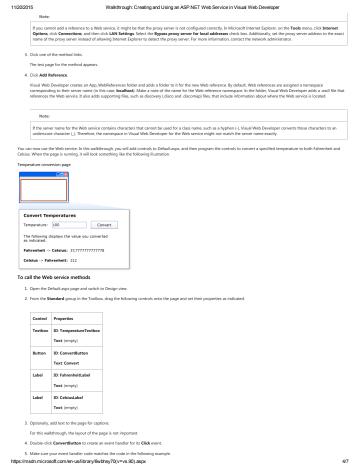
11/20/2015 Walkthrough: Creating and Using an ASP.NET Web Service in Visual Web Developer This document may not represent best practices for current development, links to downloads and other resources may no longer be valid. Current recomm version can be found here Walkthrough: Creating and Using an ASP.NET Web Service in Visual Web Developer This topic pertains to a legacy technology. XML Web services and XML Web service clients should now be created using Windows Commit Tasks illustrated in this walkthrough include: Creating a simple XML Web service in Visual Web Developer. Prerequisites e this walkthrough, you will need: Microsoft Internet Information Services (IIS) installed locally on your computer Creating a Web Service Under the IIS Root You must use an IIS Web site for this walkthrough. To create a Web service 2. On the File menu, click New Web Site 3. Under Visual Studio installed templates, click ASP.NET Web Service 4. Click Browse. 5. Click Local IIS. 7. Click Create New Web Application Visual Web Developer creates a new IIS Web application. The New Web Site dialog box appears, with the name of the new Web site in the rightmost Location list. The location includes the protocol (http://) and location (localhost). This indicates that you are working with a local IIS Web site.

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ps://msdn.microsoft.com/en-us/library/8wbhsy70(v=vs.90).aspx







11/20/2015 Walkthrough: Creating and Using an ASP.NET Web Service in Visual Web Developer protected void ConvertButton_Click(object sender, EventArgs e) { ownered would Convertention (Lick(object seeder, venturing e) localibuts Convert unGorwer + and Localibuts (Lonvert()); double temperature = System. Convert. Todouble (TemperatureTextion. Inext); Fabrenbeitzdel. Pest - "Fabrenbeit To (calisis = " + succonvert. Pabrenbeitzdel. To (calisis = " + succonvert. Pabrenbeitzdel. To (calisis = " + succonvert. Pabrenbeitzdel. To (calisis = " + succonvert. Todouble." (Calisis To (blocombeit) succonvert. Celisis To disconnect. (Camperature). Toddring(); 7. In the text box, type a value, such as 100, and then click Convert. The page displays the result of converting the temperature value into both Fahrenheit and Celsius. Debugging the Web Service Web service in the same way that you debug Web pages. Visual Web Developer Express edition and Visual Studio Standard edition do not support stepping into a Web service from a page that references it. If you are using Visual Web Developer Express edition or Visual Studio Standard edition, skip this section and the ones following, for more information about how to debug Web sites, see Walkfrough: Debugging Web Page in Visual Web Developer in Visual Web Developer. To start, you must configure the Web site that contains the Web service to enable debugging To enable debugging in the Web services Web site 1. On the File menu, click Open Web Site. 2. Click Local IIS. 3 Click TemperatureWebService and then click Open On the Website menu, click ASP.NET Configuration to open the Web Site Administration Tool. If this is the first time that you have run the Web Site Administration Tool, there might be some delay before it appears. 5. Click Application, and then click Application Configuration. 6. Under Debugging and Tracing, click Configure debugging and tracing. 7. Select the Enable debugging check box. To see the Web.config file in Solution Explorer, click the Web site name and then, on the Solution Explorer toolbar, click Refresh. 8. Close the Web Site Administration Tool. You must now enable debugging for the Web site that uses the Web service To enable debugging in the Web site 2. On the Website menu, click ASP.NET Configuration to open the Web Site Administration Tool.

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3. Click Application, click Application Configuration, under Debugging and Tracing, click Configure debugging and tracing, and then select the Enable debugging check box.

https://msdn.microsoft.com/en-us/library/8wbhsy70(v=vs.90).aspx

See Also
Tasks
Walthrough: Debugging Web Pages in Visual Web Developer
Reference
@ Webservice Directive in XML Web Services
Other Resources
Guided: Tour of Creating Web Sites in Visual Web Developer
overbistrices in Bermet <webServices> Element
Design Guidelines for XML Web Services Created Using ASP.NET
XML Web Services Created Using ASP.NET
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To see the Web.config file in Solution Explorer, select the Web site name and then, on the Solution Explorer toolbar, click Refresh.

5. In Solution Explorer, right-click Default.aspx, and then click View Code.

6. Position the pointer in the following line:

C# double temperature =
 System.Convert.ToDouble(TemperatureTextbox.Text);

Testing Debugging

Both the Web site and the Web service are configured for debugging, so that you can now try debugging. You will start in the Default.aspx page and step through the code until the code invokes the Web service. The debugger will switch to the Web service and continue stepping through the code.

To debug the page and Web service

The page appears in the browser.

2. In the box, type a value, such as 100, and then click Convert.

Visual Web Developer starts running the code for the page, but stops and highlights the line with the breakpoint on it.

3. Press F11 to step to the next line.

4. Press F11 again.

Because the next line invokes the Web service, the debugger steps into the Web service, stopping on the first line of the FahrenheitToCelsius

The debugger steps through the rest of the method, and then returns to the calling page. If you continue stepping, the debugger will step back into the Web service and into the Celsius To Sahrenheit method.

Next Steps

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This walkthrough has illustrated the basic principles of creating a very simple Web service and using it in an ASP.NET application. You might want to expec

Understand the processing that occurs when you make an XML Web service call.

 Understand how to use XML Web services. For more information, see XML Web Service Scenarios.

Create XML Web services that offer more sophisticated functionality than the simple Web service from this walkthrough. You can create and chain asynchron
method calls, use transactions, secure the Web services, configure Web services for Microsoft Windows authentication, and so on.

For more information, see XML Web Services Using ASP.NET.

Learn about language-specific and technology-specific features provided by the XML Web services.

For more information, see XML Web Services in Visual FoxPro, Introduction to Programming Web Services in Managed Code, Web Services (How Do I in Visual Basic), XML Web Services Created with ATL Server, and Creating and Accessing Web Services Walkthroughs.

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