



@task

.Net SOAP Example

March 27, 2007

- The following document discusses the layout and reasoning of the Java SOAP integration example.
- It includes some helpful hints and suggestions for users desiring to utilize the @task SOAP API.

USING VISUAL STUDIO (C#) WITH @TASK WEB SERVICES

The purpose of this quick-start tutorial is to demonstrate how to access @task Web Services with C#.NET using Microsoft Visual Studio 2005.

REQUIREMENTS

This tutorial assumes you have the following:

1. Visual Studio .NET 2005.
2. An activated @task account with an Enterprise License.

OVERVIEW

The following steps guide you through sending some request to @task Web Services. In the first request, you call @task Web Service with the following method:

```
string login(string username, string password)
```

Including in your request is your user name (username), password (password). @task Web Service returns a token (string) that validates you as an authorized @task Web Services user. Use this token for feature method calls.

HOW TO USE VISUAL STUDIO (C#)

1. Open Visual Studio 2005.
2. Click File, click New, and select Project.
3. Click Visual C# Projects, click Windows under Project types, then click Console Application under Templates.
4. Copy and paste the sample code below (see attached file SOAPExample.cs)
5. Open the project's Properties pages, and select the Settings tab
6. Fill out the Settings grid so that it looks like this:

	Name	Type	Scope	Value
▶	Username	string	User	username
	Password	string	User	password

7. Replace username and password with your @task Account user name and password.
8. Include "using" directive for Properties namespace. Use the format: using [project name].Properties for example `using SOAPExample.Properties;`
9. Add a Web reference for @task Web Service to the new console application. This step creates a proxy class on the client computer. After the proxy class exists, you can create objects based on the class. Each method call that is made with the object the goes out to the URL of the @task Web Service, usually as a SOAP request.
 - a. Click Project and click Add Web Reference.
 - b. In the Add Web Reference dialog box, type the URL for the @task Web Service in the Address text box (<http://localhost:8080/attaskWS/API?wsdl>) and press Enter.
 - c. Change Web Reference name to WSAPI.
 - d. Click Add Reference.
10. Include "using" directive for the namespace. You can see the name of namespace is Class View (View > Class View). Use the format: using [project name].[namespace], for example `using SOAPExample.WSAPI;`
11. Click Build on the Build menu to build the console application.

12. Click Debug and click Start to test the application.
NOTE: If during operation the following error appears:
"Unable to import binding APISearchBinding from namespace http://www.attask.com/api"
then please download the hotfix available at <http://support.microsoft.com/kb/918166>, and add
"/order:explicit" to the wsdl.exe command as described at the site.
13. Save and close the project