

# ApplinX Visual Studio .NET Add-In

ApplinX Visual Studio add-in enables generating procedures as detailed in Exposing Procedures. The add-in generates a Procedure Client as a C# class or a .NET Web Service or creates Web References to Web Services.

The add-in enables generating the following:

- Installation
  - Working in the VS.NET Development Environment
  - Adding an ApplinX Server
  - Web Enablement: Generating a Screen aspx Page and a Procedure Client
  - SOA Enablement: Using a Procedure Client
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## Installation

### Prerequisites:

Visual Studio 2008/2010.

#### To install ApplinX VS .NET

1. Begin the ApplinX installation process as detailed in the Installation section.
2. In the screen where you select the components to be installed, ensure that you select Visual Studio Add-in.
3. Complete the ApplinX installation.

## Working in the VS.NET Development Environment

#### To Work with ApplinX VS.NET add-in in the VS.NET environment:

1. From the **Tools** menu, select **Add-In Manager**. The Add-In Manager dialog box appears.
2. Check "ApplinX.NET Add-In". The ApplinX Explorer window will be displayed.

### Note:

The above process is only required the first time you use the add-in, thereafter select **ApplinX Explorer** from the **Tools** menu. ApplinX Explorer will appear on the left.

## Adding an ApplinX Server

By default, the add-in is connected to ApplinX server on "localhost", port 2380. It is possible to configure additional ApplinX servers.

### ▶ To add an ApplinX server:

1. In the ApplinX Server Explorer window, focus on the Legacy Connections node.
2. Click the **Add new ApplinX Server** icon in the toolbar or select **Add new ApplinX Server** from the right-click shortcut menu. The New ApplinX server dialog box will appear.
3. Enter a server name, the server IP address (IPv4 and IPv6 address formats are supported) and the HTTP server port.
4. Click **Save**. The server will appear in the tree, with a list of the ApplinX applications, which are defined on this server.

To delete a server, select the server name in the ApplinX Server Explorer, click the **Delete ApplinX server** icon in the toolbar, or select **Delete ApplinX Server** from the right-click shortcut menu.

## Web Enablement: Generating a Screen aspx Page and a Procedure Client

### ▶ To generate an aspx Web Page based on an ApplinX Screen

1. Expand the Web Enabling node, and select the relevant screen.
2. Right-click on the screen and select **Generate ASPX Page**.

### ▶ To generate a Procedure Client

1. Expand the Integration node, and select the relevant Procedure Group.
2. Right-click on the procedure group and select **Generate Procedure Client**.

## SOA Enablement: Using a Procedure Client

### ▶ To generate a Procedure Client:

1. Expand the Integration node, and select the relevant Procedure Group.
2. Right-click on the procedure group and select **Generate Procedure Client**.
3. A class will be created, based on the procedure group's name. A reference to *GXBinaryExecuter.dll* file will be added (The DLL itself will be copied to the Project's bin directory). This DLL is mandatory in order for the Procedure Client to work.

▶ **To generate a Procedure Client ASPX Page:**

1. Expand the Integration node, and select a Procedure within the relevant Procedure Group.
2. Right-click on the procedure group and select **Generate Procedure Client ASPX Page** (relevant only to Web Site projects).