Manufacturer Webhook Sample Application

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U.S. Patents 6948115, 7406194, 7548338, 7757169, 10180815, 10491947 B1, JP Patent 4406364B and pending patents.

Manufacturer Webhook Sample Apllication Guide, Document Revision: 1.0, April 2023

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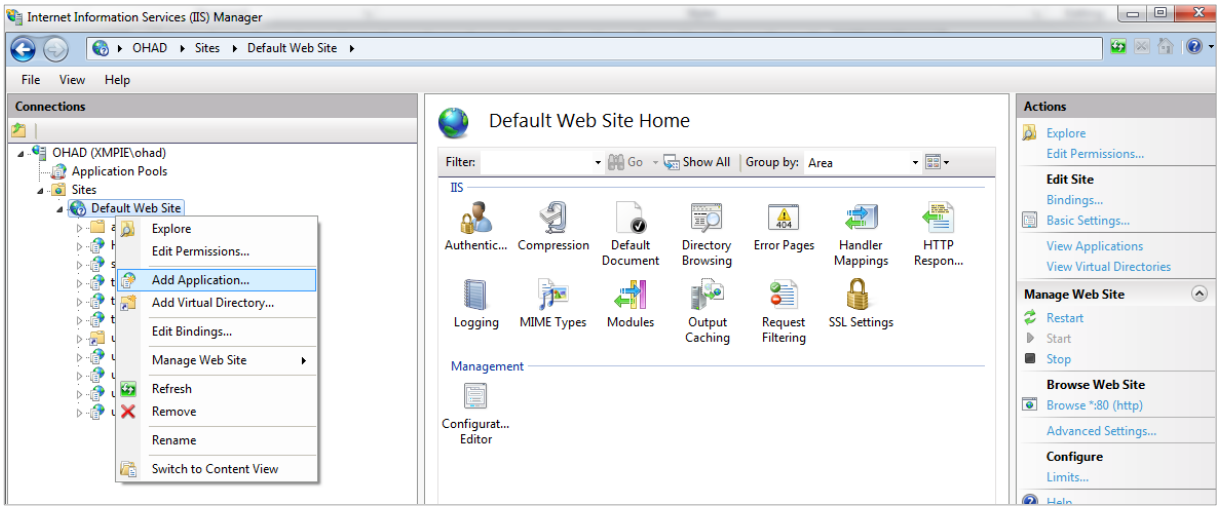
Overview

This document describes the installation procedure of the Manufacturer Webhook sample application.

Installing the sample application

1. Extract the zipped folder (**ManufacturerSampleAPI.zip**) and place it anywhere on your computer.
2. Open **ManufacturerSampleAPI.sln** in Visual Studio and build the solution.
3. Click **Start** > **Run** > type **Inetmgr** and click <**Enter**>.
   The IIS Manager opens.
4. Expand the root folder and then the **Sites** folder.
5. Right-click **Default Web Site**, and then select **Add Application**.



6. In the **Alias** box, type **ManufacturerSampleAPI**.
7. In the **Path** box, type or browse to the physical directory that contains the Manufacturer Webhook sample.
8. From the **Application Pool** list, choose **ASP.NET V4**
9. Click the **Connect as...** button and fill in the username and password of the operation system.
10. Click **Test Setting** and validate the connectivity.
11. Click **OK** to create the application.

Using the sample application

This sample does not call any external service.

This API supports several query parameters.

1. **case** – this value is the number of different scenarios which our sample supports.
   The default value is 1.

   - 1 – main positive scenario - consistently maps order items from the custom configuration value.

     Lets say the custom configuration value is 1:2;2:1;3:3.

     The 1st order item will map to manufacturerID=2, the 2nd to manufacturerID=1 and the 3rd to manufacturerID=3.

     You can set the manufacturerID as null. In this case, you will not be using an external manufacturer but rather manufacturing the products yourself ("**Produced internally**" option).

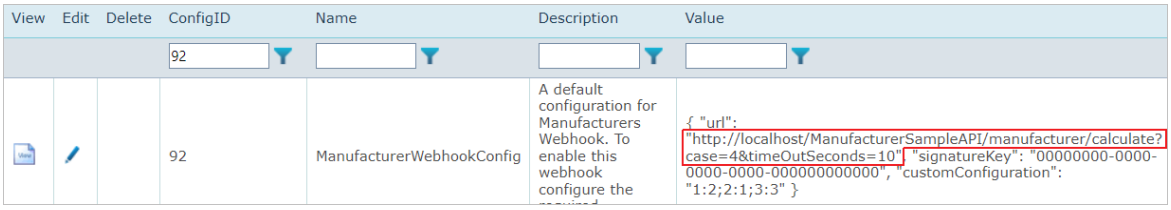
     You can skip the manufacturerID for a specific order item. It will then be mapped to the default manufacturer defined at the product level.

   - 2 – returns a **400 (BadRequest)** HTTP status code with a custom error message in the HTTP response body. The language of the error message takes into account the culture code defined in the **Accept-Language** HTTP header of the HTTP request. In the provided sample application, if the culture code is **en-US**, the custom error message will be in English, otherwise in French.
   - 3 – returns **500 (InternalServerError)** HTTP status code.
   - 4 – the same scenario as in case 1 above, with **timeOutSeconds** query parameters support.
   - 5 –returns the JSON result with an incorrect **X-Signature** header.
   - 6 – returns an empty string.
   - 7 – returns the custom config in the HTTP response as is.

2. **timeOutSeconds** – this value simulates the delay in seconds.
   The default value is 0. Supports only case 4.

This is an example of the URL that should be placed in the ManufacturerWebhookConfig (Presets > Global Configurations > ManufacturerWebhookConfig (#92):

http://localhost/ManufacturerSampleAPI/manufacturer/calculate?case=4& timeOutSeconds=10



Notes:

- This sample supports only the signature key "00000000-0000-0000-0000-000000000000".
- For more information please take a look at the **ManufacturerController.cs** file in the sample.

See also

Adding a manufacurer webhook in uStore

uStore's communication with the manufacturer webhook