Sitecore commerce powered by Microsoft Dynamics

Promotions sync - quick start

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Table of contents

1. Supported versions

The solutions supports the following versions:-

1. Dynamics AX 2012 CU8-10
2. Sitecore 8.1 and 8.2

2. Solution contents

The solution is made of the following parts:-

1. A Dynamics AX .xpo file containing the objects to create an inbound port (web service) that exposes the promotions from the head office.
2. Sitecore routing framework (Data exchange framework for 8.2) route to do the work of executing the logic to extract and process the data from Dynamics AX.
3. A console application to execute the routing framework tasks.
4. Sitecore items to store the data extracted from Dynamics AX.

3. High level overview of process

The following steps are executed by the route in 8.1 and the pipeline batch in 8.2.
1. Get first promotions endpoint i.e. there is multi-channel support.
2. Connect to the Dynamics AX inbound port specified on the endpoint in Sitecore, by default called SCPromo, and extract all the promotions for the legal entity and channel also specified on the endpoint.
3. Create the promotion header information in Sitecore in the location defined on the endpoint.
4. Using the location of the product list from the endpoint, loop through all the products and find which ones are assigned to which promotion and save the detail in the promotion lines section in Sitecore.
5. Link the lines to the headers
6. Create sample campaigns for each promotion
7. Create marketing facets for each promotion
8. Get next endpoint

4. Quick installation guide for promotions synchronisation

Import the Dynamics AX inbound port, to be done by the Dynamics AX partner or another certified Dynamics AX party:-
1. Import the file SharedProject_SCPromotions.xpo (in the shared folder of the visual studio project) in Dynamics AX.
2. Open the new shared project in Dynamics AX AOT, right click on the service SCPromotionService> Addins > Register service
3. Go to System administration > Setup > Service and application integration framework > Inbound ports
4. Create new port called SCPromo and add the service to the port, enable the port.

Import Sitecore items:-
1. Using the TDS project in the visual solution, create the items from 81 > SitecoreItems_81 in your instance
2. Repeat this steps for the project named SitecoreItems_Shared in the shared folder of the solution.
3. Alternatively, there is already a prebuilt .update file in the bin on the projects mentioned above.
4. Change the endpoint settings to match your environment.

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