



Retail Monitor Model SupportPac

Contents

Chapter 1. Sample monitor model for the retail industry 1

Chapter 2. Installing the Retail Product Introduction SupportPac 3

Prerequisites for the Retail Product Introduction SupportPac 3
Downloading the Retail Product Introduction SupportPac 3

Installing the EAR file for the Retail Product Introduction SupportPac 4
Importing the dashboards for the Retail Product Introduction SupportPac 4
Using the Integrated Test Client with the Retail Product Introduction SupportPac 5

Chapter 1. Sample monitor model for the retail industry

This industry-specific monitor model sample for WebSphere Business Monitor 6.1 contains Business Activity Monitoring for New Product Introduction in the Retail industry is a business model that runs within Websphere Business Monitor. This business model correlates events generated by merchandising systems, financial planning systems and business process workflows to track the introduction and performance of new products sold by the retailer. The solution provides a dashboard that displays key performance indicators, summarizing product performance in easy to understand business terms.

This SupportPac contains monitor models that highlight the features and capabilities of WebSphere Business Monitor. The monitor models and dashboards included in this sample can be extended and customized based on your needs.

The SupportPac provides a business activity monitoring solution for the new product introduction process used by retailers. Many retailers struggle with lengthy processes to bring new items to market. This SupportPac provides monitor models developed for the new item introduction, (seasonal) offering setup, product sample handling, and purchase orders.

This SupportPac provides monitor models that are based on realistic industry-specific content and can be used as a technical sales tool to demonstrate the power of business activity monitoring.

Prerequisites

To use this sample, you must have working knowledge of the following items:

- WebSphere Business Monitor programming model and have used the product
- WebSphere Business Monitor development toolkit
- WebSphere Business Monitor server
- Dashboards
- Retail industry and merchandising

Chapter 2. Installing the Retail Product Introduction SupportPac

Install the monitor model and dashboardS provided with the Retail Product Introduction SupportPac for WebSphere Business Monitor v6.1.

You can find the latest troubleshooting tips in the Technotes section of the WebSphere Business Monitor Support page (<http://www.ibm.com/support/search.wss?rs=802&tc=SSRR3&q=6.1>).

To install the monitor model and dashboards:

Prerequisites for the Retail Product Introduction SupportPac

Before you can use the Retail Product Introduction SupportPac files, you must ensure that the required products are installed.

To use this Retail Product Introduction SupportPac, you must have a licensed installation of WebSphere Business Monitor v6.1 on your system. Also needed is the WebSphere Business Monitor development toolkit v6.1. You must have a working knowledge of the WebSphere Business Monitor programming model and have used the product as well as the WebSphere Business Monitor development toolkit, the Integrated Test Client, the WebSphere Business Monitor Server, and dashboards.

Downloading the Retail Product Introduction SupportPac

Before you can install the monitor model, you must download and extract the Retail Product Introduction SupportPac.

1. Go to the WebSphere Business Monitor SupportPac index page (http://www.ibm.com/support/docview.wss?rs=802&uid=swg24018433&loc=en_US&cs=utf-8&lang=en) and click Retail Monitor Model SupportPac.
2. Scroll down to the Download Package section and download the SupportPac.
3. Extract the contents of the SupportPac to a working directory. Verify that your working directory contains the following directories and files:
 - projects directory
 - Project Interchange file (Retail Support Pac.zip)
 - EAR file (RetailSupportPacApplication.ear)
 - dashboard directory
 - Dashboard data file (dashboard.data)
 - sampleevents directory
 - Consolidated events file (ConsolidatedEventFile.xml)
 - The IndividualEventFiles directory with single event files named *n.xml*, where *n* is the number of the file.
 - A .zip file containing all the individual event files (IndividualEventFiles.zip)
 - Installation doc (PDF file)

Installing the EAR file for the Retail Product Introduction SupportPac

Use the WebSphere Administrative Console to install the SupportPac EAR file for the monitor model.

Install the RetailSupportPacApplication.ear file:

1. From the WebSphere® Application Server administrative console, click **Applications** → **Monitor Models**. The table lists all currently installed monitor models.
2. Click **Install**.
3. Locate and select the RetailSupportPacApplication.ear file you extracted the Retail Product Introduction SupportPac.
4. Ensure that **Prompt me only when additional information is required** is selected.
5. Click **Next**.
6. Click **Next**.
7. Click **Next**.
8. Click **Finish**.
9. On the Summary page, verify that all of the information is correct, and click **Finish**.
10. To review, click **Review changes before saving or discarding**, or click **Save directly to the master configuration** to save the model.
11. Optional: If you are working in a secured environment, see http://publib.boulder.ibm.com/infocenter/dmndhelp/v6r1mx/topic/com.ibm.btools.help.monitor.doc/admin/model_install_secure.html for an additional task you must perform to complete the installation of this model.

Importing the dashboards for the Retail Product Introduction SupportPac

Use the Web Dashboard tool to import the Retail Product Introduction SupportPac dashboards.

Before using this procedure, verify that the monitor model has been published and is started on the WebSphere Business Monitor server.

The dashboard.data file included with the Retail Product Introduction SupportPac contains the following dashboards:

- **Department**

This dashboard shows the information that is related to a department. It can be used to view all the instances and the key performance indicators (KPIs) of a department.
- **Division**

This dashboard is intended for a divisional supervisor to view the purchase and sales of a division. Using this dashboard you can view all the instances of the Division monitoring context and the various departments within each division. KPIs related to the same are also present.
- **Offer**

This dashboard displays all the instances and KPIs for an offer.
- **Purchase Order**

Used to view details of the Purchase Order monitoring context. The user can view all the instances of this context.

- **Samples**

This dashboard lists all the instances of the Sampling monitoring context and some of its associated KPIs.

- **3**

A sample dashboard for testing. It includes all the KPIs in the monitor model.

Import the dashboards by performing the following steps:


1. Open the WebSphere Business Monitor Dashboard using one of the following method.
 - In WebSphere Integration Developer, right click on the WebSphere Business Monitor server and select **WebSphere Business Monitor Dashboard**.
 - Open a Web browser and go to <https://localhost:9444/BusinessDashboard/login.jsp>.
2. Enter your username and password and click **Login**.
3. Click **Dashboards** → **Manage**.
4. Click **Import** and locate and select the dashboard.data file you extracted from the Retail Product Introduction SupportPac.
5. For each dashboard that is listed, click on the hyperlink to load the dashboard page. You will have to return to the Manage page to load each dashboard.

Using the Integrated Test Client with the Retail Product Introduction SupportPac

Use the Integrated Test Client to emit events monitor model with the sample data provided with the Retail Product Introduction SupportPac.

Note: If you imported and edited the Project Interchange file, then you must amend the sample events to coincide with your changes.

Emit the sample events by performing the following steps:

1. Open WebSphere Integration Developer and import the project interchange file extracted from the SupportPac.
2. Right click on the monitor model and click **Integrated Test Client**.
3. Click on the open script button, and locate and select the ConsolidatedEventFile.xml file that you extracted from the Retail Product Introduction SupportPac.
4. Click **Emit events** () button to sending the event.

You can also use the Monitor model event editor located on the left side of the window to create you own events. For more information on the Integrated Test Client, go to http://publib.boulder.ibm.com/infocenter/dmndhelp/v6r1mx/topic/com.ibm.btools.help.monitor.doc/testing/integrated_test_client.html.