Pitney Bowes Software

XSD Modeler

User Guide

Spectrum™ Technology Platform

Data Discovery Module

Version 8

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Global IDs Product Suite® XSD Modeler Manual

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XSD Modeler

What it includes:

- About XSD Modeler Application
- Loading XSD File

About XSD Modeler Application

XSD (or, XML Schema Definition) describes elements of an XML document. It is used to describe and control XML document contents. XSD files contain tables, views that are parsed and stored into XSD file format. XSD Modeler application creates models using XSD documents.

This document introduces XSD Modeler application and guides you through the modeling tasks you can perform from this application. It also explains the sequence of running tasks, pre-requisites for running tasks wherever necessary. At the end of this document you will be able to model your XSD files.

Loading XSD Files

This topic teaches you to load XSD files.
To load XSD files:

- Right click on the root (or, XSD Files) from the left hierarchy pane and select **Load XSD File** option. **Load XSD Files** wizard appears
- On Step 1 of the wizard:
  - Select **System**
  - Select **XSD File**

Figure 1: Loading XSD files

Click **Next**.

- On Step 2 of the wizard:
  - Select the appropriate radio button to run the task now or schedule it for a later time
  - Assign a priority level by choosing between five priority options **(Background, Low, Normal, High, Critical)**

- Select the **Run tasks in parallel** check box to enable running more than one task at the same time and specify **Maximum tasks to run in parallel**
- You can also add time restrictions by clicking on the **Add Time Restrictions** link

Click **Finish**.

Viewing XSD files

Once the XSD file is loaded you can view the file from the hierarchy pane.

Figure 2: Viewing loaded XSD files – hierarchy pane

You can view the contents of an XSD file in a hierarchical or tabular format under **Tree View** tab and **Text View** tab respectively by selecting the loaded XSD file from the hierarchy pane. You can select individual components of XSD file from tree view tab to see related relationships. You can also classify an XSD file into different categories. For example, if GSRL files are loaded, they can be classified under different categories named after their versions.

Figure 3: Viewing loaded XSD files

NOTE: XSD Modeler is an application in the XML Data layer. The software has the ability to generate separate XSD Modeler applications for each XSD file loaded using XSD Modeler. For example, if you have loaded 50 XSD files, a total of 50 XSD Modeler applications will be created dynamically, one for each XSD file. Suppose, you have scanned a file called *Drugbank.xsd*, the software will dynamically generate an application named *Drugbank XSD Modeler*. These dynamically created applications are visible from the XML Data layer in Application Manager.

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