Pitney Bowes Software

Web Service Scanner

User Guide

Spectrum™ Technology Platform

Data Discovery Module

Version 8

April 2013

Global IDs Product Suite® Web Service Scanner Manual

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Web Service Scanner

What it includes:

- About Web Service Scanner
- Scanning Web Service Registry
- Viewing Web Services

About Web Service Scanner

Web Service Scanner application enables you to scan UDDI registries (Universal Description, Discovery and Integration) and view the web services registered in them. UDDI is a platform-independent, XML based registry by which businesses can list themselves on the internet, and a mechanism to register and locate web service applications.

Scanning Web Service Registry

This topic teaches you to scan UDDI registries.
To do so:

- Right click the root node of the left hierarchy pane and select **Scan Web Service Registry** option. **Scan Web Service Registry** wizard appears.
- On Step 1 of the wizard:
  - Provide the registry name.
  - Specify the URL for accessing the registry.
  - Provide the username and password.

  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 web services in the registry

Once the UDDI registry has been successfully scanned, the organizations under which the web services are registered in the scanned registry are displayed in the left hierarchy pane.

Figure 1: Hierarchy pane

You will be able to view details about the web services registered under an organization from the right display pane if you select the organization from the left hierarchy pane. You will be able to view the list of web services, their

description and the URL to access them from external applications. If you select a web service from this list, you will be able to view its methods, input parameters and output parameters from the **Operations**, **Input Parameters** and **Output Parameters** sections respectively. These details are fetched by parsing the WSDL files (which store the structure of the web services) associated with the web services.

Figure 2: Viewing web services

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