Pitney Bowes Software

SQL Code Scanner (File System)

User Guide

Spectrum™ Technology Platform

Data Discovery Module

Version 8

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Global IDs Product Suite® SQL Code Scanner (File System) Manual

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SQL Code Scanner (File System)

What it includes:

- About SQL Code Scanner (File System)
- Scanning SQL Code

About SQL Code Scanner (File System)

Using **SQL Code Scanner (File System)** you can scan stored procedures in files (SQL or text) across your enterprise data landscape.

Scanning SQL Code

This topic teaches you to find out stored procedures located in any system in your network.

To scan stored procedures:

- Right click the root node of the left hierarchy pane and select **Run SQL File Ingestion Workflow** option. **Run SQL File Ingestion Workflow** wizard appears.
- On Step 1 of the wizard:
  - Select the system where stored procedures will be searched for.
  - Choose the folder where the files are located.
  - Choose a category.
  - Choose a dialect. The following dialects are supported:
    - Netezza
    - DB2
    - Oracle
    - MySQL
    - MS SQL Server
    - Sybase
    - Adabas
    - DB2 400
    - Derby
    - PostgreSQL
    - DB2 on Z/OS
    - Teradata
    - MS Access
    - Greenplum
    - Cache
    - Informix
  - Select the file type – either txt or sql.

Figure 1: SQL File Ingestion Workflow

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 searched stored procedures

Once the SQL File Ingestion workflow is successfully executed, the category (mentioned in the workflow wizard), the timestamp of the task and the stored procedure files appear in the left hierarchy pane.

Figure 2: Viewing stored procedures - hierarchy pane

If you select a stored procedure file from the left hierarchy pane, you will be able to view its details in a table list view on the right display pane.

In the Database Reference Matches tab, there are two vertical tabs on the right – **Grouped By Procedures** and **Grouped By Tables**. In the **Grouped By Procedures** tab, the stored procedure names, file names and file path are

displayed. In this tab you will be able to view all the tables and columns referenced in the stored procedure grouped under the procedure name.

Figure 3: Viewing searched stored procedures

On selecting a stored procedure from the table list view, you can view the appropriate SQL code from the **Contents** section. References to the keywords and sub-queries get highlighted in the code.

Figure 4: Procedure body

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