Pitney Bowes Software

SQL Code Scanner (Databases)

User Guide

Spectrum™ Technology Platform

Data Discovery Module

Version 8

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Global IDs Product Suite® SQL Code Scanner (Databases) Manual

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SQL Code Scanner (Databases)

What it includes:

- About SQL Code Scanner (Databases)
- Scanning SQL Code

About SQL Code Scanner (Databases)

Using **SQL Code Scanner (Databases)** you can scan stored procedures in databases 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 desired database from the left hierarchy pane and select **Find Stored Procedure References** option. **Find Stored Procedure References** wizard appears
- On Step 1 of the wizard:
  - Select the schemas where stored procedures will be searched for.

Figure 1: Scanning SQL code

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

Searched stored procedures of the selected schema appear in a table list view. You can view this from the **Database Reference Matches** tab on the right display pane if a schema from the left hierarchy pane is selected. In the table list view, there are two vertical tabs on the right – **Grouped By Procedures** and **Grouped By Tables**. In the **Grouped By Procedures** tab, the schema, tables and columns referred in the searched stored procedures are displayed below each stored procedure.

Figure 2: Viewing searched stored procedures - grouped by procedures

In the **Grouped By Tables** tab, the searched stored procedures are displayed below referred tables and columns.

Figure 3: Viewing searched stored procedures - grouped by tables

On selecting a tables or column from the table list view, you can view the appropriate PL/SQL code from the **Procedure Body** tab. References to the selected table or column get highlighted in the code.

Figure 4: Procedure body

You can view how the searched stored procedures are related to tables/views and other stored procedures from the **Relationships** tab.

Figure 5: Relationships tab

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