Pitney Bowes Software

Cobol Copybook Scanner

User Guide

Spectrum™ Technology Platform

Data Discovery Module

Version 8

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Global IDs Product Suite® Cobol Copybook Scanner Manual

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Cobol Copybook Scanner

What it includes:

- About Cobol Copybook Scanner
- Loading Cobol Copybooks
- Ingesting Cobol Copybooks

About Cobol Copybook Scanner

Cobol Copybook Scanner application enables you to scan for all Cobol Copybooks in your data landscape and ingest their data.

Loading Cobol Copybooks

This topic teaches you to load Cobol Copybooks located in any system in your network. This action helps to load the structure of Cobol files.

To do so:

- Right click the root node of the left hierarchy pane and select **Load Cobol Copybook File** option. **Load Cobol Copybook File** wizard appears.
- On Step 1 of the wizard:
  - Select the system where the Cobol files are located.
  - Select the Cobol Copybook file.

Figure 1: Loading Cobol Copybooks

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 loaded Cobol Copybook files

Once the Cobol file is loaded, it appears in the left hierarchy pane as shown in Figure 2.

Figure 2: Loaded Cobol Copybook File

Selecting the loaded file from the hierarchy pane displays the structure of the file in a hierarchical format in the **Record Layout** tab on the right.

Figure 3: Record Layout tab

You can view the actual content of the loaded file from the **Cobol Copybook Source** tab on the right.

Record Layout | Cobol Copybook Source

```
*************************************************************
*   FILE LAYOUT OF THE ASN / RECEIPT EXTRACT          *
*   NOTE: USES SAME FIELD NAMES AS STD. DB2 COPYBOOKS  *
*       BUT ALL PACKED FIELDS ARE NOW IN UNSIGNED    *
*       DISPLAY FORMAT, FOR EASIER TRANSFER/IMPORT   *
*                                   *
*   15/03/00.   350 BYTES.                    *
*************************************************************
*
*CHANGE CONTROL.
*-----------------------------------------------------------
*VERS|  DATE  |DESCRIPTION                        | AUTHOR
*----+--------+-------------------------------------+-----------
*V01 |15/03/00|FIRST ISSUE                        | J.BINDER
*----+--------+-------------------------------------+-----------
* 1.1|20/03/00|ADDED: STDR-AS-DLVY-TYPE TO AS RECORD  | J.BINDER
*----+--------+-------------------------------------+-----------
*V02 |27.04.00|ALL RECORDS NOW CONTAIN ALL KEY COLS.  | J.BINDER
*----+--------+-------------------------------------+-----------
*V03 |27.06.00|ADDED SAMPLE CHECK COLS. TO EQV030 AND | J.BINDER
*   |OR #13  |MADE UNIT-COST 3 DECIMAL PLACES       |
*----+--------+-------------------------------------+-----------
*V04 |02.08.00|ADDED ACT-RECV-QTY TO THE "RS" RECORD  | J.BINDER
*   |OR #130 |HOLDS REC_ALC_QTY ADJUSTED FOR SAMPLE  |
*   |        |CHECK RESULTS                          |
*----+--------+-------------------------------------+-----------
*V05 |22.01.02|ADD PICK-PACK INDICATOR TO RECEIPT     | MRJ
*   |        |HEADER                                 |
*----+--------+-------------------------------------+-----------
*V06 |18.02.03|ADD SHIPPING COMPLETE EXTRACT STATUS   | MRJ
*----+--------+-------------------------------------+-----------
*
*01  STDR-RECORD.
*    05  STDR-RECORD-TYPE          PIC X(2).

*       88  STDR-REC-TYPE-FH              VALUE 'FH'.

*       88  STDR-REC-TYPE-RH              VALUE 'RH'.
*       88  STDR-REC-TYPE-RD              VALUE 'RD'.
*       88  STDR-REC-TYPE-RS              VALUE 'RS'.

*       88  STDR-REC-TYPE-AS              VALUE 'AS'.
*       88  STDR-REC-TYPE-SO              VALUE 'SO'.
*       88  STDR-REC-TYPE-SC              VALUE 'SC'.
```

Figure 4: Cobol Copybook Source tab

Ingesting Cobol Copybooks

Actions in grey need to be completed sequentially before the current action is performed. The current action is marked in red.

Pre-requisites

- Load Cobol Copybook File
- Ingest Cobol Data Files

Once the structure or layout of the Cobol Copybook is loaded, you can associate the data in Cobol data files with this structure.

To do so:

- Right click the Cobol Copybook file from the left hierarchy pane and select **Ingest Cobol Data Files** option. **Ingest Cobol Data Files** wizard appears.
- On Step 1 of the wizard:
  - Select the system where the data files are located.
  - Choose the location of the files.
  - You can ingest data in the following file types –
    - Cobol Fixed Length Files (txt)
    - Cobol Fixed Length Binary Files (bin)

Figure 5: Ingesting Cobol data 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 ingested Cobol data files

You can view the ingested data files from the left hierarchy pane as shown in Figure 6.

Figure 6: Viewing ingested Cobol data files - hierarchy pane

You can view the structure of the selected data file in a hierarchical format from the right display pane. Select an element from the hierarchical view to view the associated record.

BRAND-ID-RH	BRAND-ID-RH	ORDER-NO-RH	ORDER-NO-RH	RECEIPT-LO...	RECEIPT-LO...	RECEIPT-NO...	RECEIPT-NO...	SUP-ID-RH	SUP-ID-RH	RECEIPT-DA...	RECEIPT-DA...
	TAR		000265		9890		2174489		52		08.08.2005
	TAR		000270		9890		2174490		55		08.08.2005
	TAR		000641		9251		2176801		643		08.08.2005
	TAR		000646		9251		2176802		643		08.08.2005
	TAR		000671		9251		2176803		143		08.08.2005
	TAR		000825		9251		2178390		121		08.08.2005
	TAR		000404		9890		2174491		36		08.08.2005
	TAR		000811		9890		2174492		36		08.08.2005
	TAR		000918		9251		2178391		152		08.08.2005
	TAR		000951		9251		2178392		13		08.08.2005
	TAR		000429		9601		2172645		143		08.08.2005
	TAR		000923		9251		2178393		112		08.08.2005
	TAR		000265		9890		2174493		137		08.08.2005
	TAR		000195		9890		2174494		13		08.08.2005
	TAR		000209		9890		2174495		17		08.08.2005

Figure 7: Viewing ingested Cobol data files

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