Creating the Shared Repository Storage in U2 DataVu

This document describes how to create the Shared Repository Storage in MySQL. Shared Repositories are created and saved in the MySQL Shared Repository Storage schema.

After creating the repository schema in MySQL you create the shared repository storage in U2 DataVu.

1. In the Repositories tab of the Administrator Perspective, right click on the white space and select **New > Shared Repository Storage**.



2. Create the RSBI schema. Be sure to test the connection. The User ID is what you created when you installed MySQL. Click **Next**.

🚺 Create New Share	ed Repository Storage				
Enter connection para	ameters for new shared repos	itory storage.			
Shared Repository Connection type: (JDBC Driver: MyS	Storage Parameters JDBC O JND <u>I</u> SQL				
J <u>D</u> BC URL: jdb	c:mysql://localhost:3306/rsbi		•	Build URL	Ad <u>v</u> anced
🔽 User ID and pag	sword are required				
<u>U</u> ser ID:	root				
Password:	•••••				
Remember pas	sword				C <u>h</u> ange
Test Connection					
		< <u>B</u> ack	<u>N</u> ext >	<u>F</u> inish	Cancel

3. Choose Create or upgrade repository storage tables. Click Next.

🖉 Create New Shared Repository Storage 📃 🗆 🄀						
Create or upgrade repository storage tables.						
U2 DataVu automates the process of creating the required database objects (tables, indexes, etc.).						
Some or all of the objects might already exist if, for example, an earlier version of U2 DataVu has previously been installed.						
Repository Storage Objects Options						
${f C}$ Repository storage tables <u>h</u> ave already been created						
• Create or upgrade repository storage tables						
Enable customization of database object names						
< Back Next > Finish Cancel						

4. The SQL/DDL that creates the RSBI schema is displayed. Don't change this. Click **Next**.

🚺 Create New Shared Repository Storage 📃 🗆 🗙						
Update repository storage tables.						
Creating Objects						
The following are the proposed SQL statements to create the required database objects.						
Verify the syntax of each statement. You can modify the statements to customize any desired parameter, however, do not change the name of any of the objects.						
You must use a semicolon (;) to separate multiple statements.						
CREATE TABLE RSBI.CATALOG_INFO (PROPERTY VARCHAR(128) NOT NULL, VALUE VARCHAR(128) NOT NULL, CATALOG_ID NUMERIC(22,0) DEFAULT 0 NOT NULL, UNIQUE(PROPERTY,CATALOG_ID))						
; CREATE TABLE RSBI.CATALOGS (CATALOG_ID NUMERIC(22,0) NOT NULL PRIMARY KEY, NAME VARCHAR(64) NOT NULL UNIQUE,COMMENTARY VARCHAR(255), ACCESS_MODE NUMERIC(1,0) NOT NULL, PACKAGE_ID VARCHAR(32))						
; CREATE TABLE RSBI.CATALOG_SECURITY (CATALOG_ID NUMERIC(22,0) NOT NULL REFERENCES RSBI.CATALOGS, NAME VARCHAR(128) NOT NULL, PRIMARY KEY(CATALOG_ID,NAME),VALUE VARCHAR(255) NOT NULL)						
< <u>Back</u> <u>Next</u> <u>Finish</u> Cancel						

5. We suggest you protect access to Stored Procedures. Select **Protection method**, enter RSBI as the **Collection ID** and then click **Create**.

🕼 Create New Shared Repository Storage		×
Protect repository storage tables.		
Repository storage tables can be protected using one of two met Protection method:	hods.	
Stored procedures C Static SQL packages		
Enter the ID for the required packages or procedures.		
Collection ID: RSBI	•	
Qwner ID:		
<u>Create</u> <u>D</u> elete		
Enter comma separated user or (and) group IDs to which you wa packages or procedures. Specify 'PUBLIC' to grant permissions to	ant to grant or revoke permission to execute the o all users.	
User IDs:		
	<u>G</u> rant <u>R</u> evoke	
]
< <u>B</u> ack	Next > Einish Cancel	

6. The new repository storage is now shown.

