Configuring MySQL SQL privileges

This document describes how to configure SQL privileges for each MySQL user running stored queries with U2 DataVu Web. The scope of this document is limited to configuring SQL privileges and assumes you have already created the necessary MySQL server instance and user accounts. Refer to **MySQL Help, New Server Instance wizard** for information about creating a MySQL server instance and user accounts.

- 1. Start MySQL Workbench
- 2. Select Manage Security



3. Select the MySQL server to connect to.

Security Manager	×
Select Server to Connect to:	
mysqid@localhost	
	_
Cancel O	<

4. A list of existing accounts is displayed on the right. Select the Schema Privileges tab.

🔤 MySQL Workbench				_ 8 ×
<u>File Edit View Database Plugins Script</u>	ting <u>⊂</u> ommunity <u>H</u> elp			
Home Admin (mysqld@localhost) Admin (mysqld@localhost) ×			
Server Status				*
INFO Name: mysqld@localhost Host: localhost Server: 5.1.50-community Status: Running	PU: 3% Mem: 78% SERVER HEALTH	Traffic: 16.06 KB/s	Query Caohe Hitrate: 0.00% Key Efficien	cy: 98.88%
Configuration				
Start/Stop Server Start/Stop Server	n File Accounts Manage Users	onnections Variables R Connection List Status and Server	Vars Data Dump Export / Import Data	LOGS Server Log Files
Server Access Management Schema Privileges				
Users Select a user and pi	ick the privileges it has for a given Schema a	nd Host combination.		
ed Host	Schema Privileges			
Hot				
				 1
Schema and Host h	eids may use % and _ wildcards. The server	will match specific entries before wildcarde	d ones.	Add Entry
- Object Rights		Rights	Other Rights	
☐ SELECT	Г		GRANT OPTION	
INSERT		ALTER	CREATE TEMPORARY TABLES	
DELETE		REFERENCES	LOCK TABLES	
EXECUTE		CREATE VIEW		
15HOW VIEW	r	ALTER ROUTINE		
		DROP		
Select "ALL" U	Inselect All		Revert	Save Changes
- WB Admin Opened				8

Notice, there are no default privileges assigned.

5. Select the user name to be configured and then click **Add Entry**.

Select a user and pick the privileges it has for a given Schema and Host combination.			
Host	Schema	Privileges	
•			
Schema and Host fi	elds may use % and _	wildcards. The server will match specific entries before wildcarded ones.	Delete Entry Add Entry

6. Choose **Selected host**. A % is shown for the host name. Choose **Selected schema** and then select **mysql**. Click **OK**.

Select the Host and the Schema for which will have the privileges you want to define	the user 'ed' ,
Host	
C Any Host (%)	
C Hosts matching pattern or name:	
Selected host:	6
Schema	
C Any Schema (%)	
C Schemas matching pattern or name:	
☞ Selected schema:	information_schema mysql rsbi test
	Cancel

7. Choose **SELECT** under Object Rights and then **Save Changes**.

MySQL Workbench			_ D ×
<u>File E</u> dit <u>V</u> iew <u>D</u> atabase	Plugins Scripting Community	Help	
🏝 📂 💷 🚳			
Home Admin (mysqld@localhos	t) ×		
Server Status			•
INFO	SYSTEM	SERVER HEALTH	
Name: mysql@@ Host: localhost Server: 5.1.50-co Status: Running	Incalhost mmunity CPU: 3% Mem: 47%	Connection Usage: 3 Traffic: 7.20 KB/s Query Cao	he Hitrate: 0.00% Key Efficiency: 30.40%
Configuration			
Startup Start/Stop Server	Configuration Edit Configuration File	unts Connections Variables Edit Connection List Variables Status and Server Vars	Data Dump Export / Import Data
Server Access Management Schem	a Privileges		
Users Se	elect a user and pick the privileges it has	for a given Schema and Host combination.	
ed	lost Schema	Privileges	
root	% rsbi	EXECUTE	
	1% mysqi	SELECT	
So	thema and Host fields may use % and	wildcards. The server will match specific entries before wildcarded ones.	Delete Entry Add Entry
TH	e user 'ed', when connecting from any '	host, will have the following access rights to the schema 'mysgl':	
	Object Rights	DDL Rights	Other Rights
	SELECT		GRANT OPTION
	INSERT	ALTER	CREATE TEMPORARY TABLES
			LOCK TABLES
		CREATE VIEW	
i	SHOW VIEW	CREATE ROUTINE	
		ALTER ROUTINE	
		1 DROP	
s	elect "ALL" Unselect All		Revert Save Changes
灯 Start 🛛 🚠 💻 🏉	MySQL Workbench 📑 scr	reen shots2.rtf - Word	🗊 🧓 🔂 1:55 PM

8. Repeat step 6 and select **rsbi**. Choose **EXECUTE** under Object Rights and then **Save Changes**.

Follow steps 5-8 for each user who will use U2 DataVu Web.