

In this post, we will learn how to setup MySQL on our local machines/system. This is one of the possible way to install, although you may prefer another approaches.

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We will be installing both workbench and MySQL Server together using **MySQL Community Server**  
Let's begin.

**Step 1:** Download Community Server from [here](#).

Current version is **MySQL Community Server 5.6.25**. It includes MySQL server, MySQL workbench and necessary connectors/plugins/tools.

Once download completed, Click on installer and follow default installation.

Below are the screenshots of installation process:

# MySQL<sup>®</sup> Installer

Adding Community

License Agreement

Choosing a Setup Type

Installation

Installation Complete

## Choosing a Setup Type

Please select the Setup Type that suits your use case.

- ☒ **Developer Default**  
Installs all products needed for MySQL development purposes.
- ☐ **Server only**  
Installs only the MySQL Server product.
- ☐ **Client only**  
Installs only the MySQL Client products, without a server.
- ☐ **Full**  
Installs all included MySQL products and features.
- ☐ **Custom**  
Manually select the products that should be installed on the system.

### Setup Type Description

Installs the MySQL Server and the tools required for MySQL application development. This is useful if you intend to develop applications for an existing server.

This Setup Type includes:

\* MySQL Server

\* MySQL Workbench  
The GUI application to develop for and manage the server.

\* MySQL for Excel  
Excel plug-in to easily access and manipulate MySQL data.

\* MySQL for Visual Studio  
To work with the MySQL Server from VS.

\* MySQL Connectors  
Connector/Net, Java, C/C++, ODBC and others.

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Choosing a Setup Type














Installation

Product Configuration

Installation Complete

## Installation

Press Execute to upgrade the following products.

Product	Status	Progress	No
 MySQL Server 5.6.25	Ready to Install		
 MySQL Workbench 6.3.3	Ready to Install		
 MySQL Notifier 1.1.6	Ready to Install		
 MySQL For Excel 1.3.4	Ready to Install		
 MySQL Fabric 1.5.4 & MySQL Utiliti...	Ready to Install		
 Connector/ODBC 5.3.4	Ready to Install		
 Connector/C++ 1.1.5	Ready to Install		
 Connector/J 5.1.35	Ready to Install		
 Connector/NET 6.9.6	Ready to Install		
 Connector/Python (3.4) 2.1.2	Ready to download		
 MySQL Connector/C 6.1.6	Ready to Install		
 MySQL Documentation 5.6.25	Ready to Install		
 Samples and Examples 5.6.25	Ready to Install		

Click [Execute] to install or update the following packages

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Execute

# MySQL Installer

## MySQL Server 5.6.25

### Type and Networking

Accounts and Roles

Windows Service

Apply Server Configuration

## Type and Networking

### Server Configuration Type

Choose the correct server configuration type for this MySQL Server installation. This set defines how much system resources are assigned to the MySQL Server instance.

Config Type: Development Machine

### Connectivity

Use the following controls to select how you would like to connect to this server.

☒ TCP/IP Port Number: 3306

☒ Open Firewall port for network access

☐ Named Pipe Pipe Name: MYSQL

☐ Shared Memory Memory Name: MYSQL

### Advanced Configuration

Select the checkbox below to get additional configuration page where you can set advanced options for this server instance.

☐ Show Advanced Options

Next >



MySQL Installer

# MySQL<sup>®</sup> Installer

MySQL Server 5.6.25

Type and Networking

Accounts and Roles

Windows Service

Apply Server Configuration

## Accounts and Roles

### Root Account Password

Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password:

••••••

Repeat Password:

••••••

Password Strength: **Weak**

### MySQL User Accounts

Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL Username	Host	User Role	

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MySQL Installer

MySQL Server 5.6.25

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Apply Server Configuration

Accounts and Roles

Root Account Password

Enter the password for the root account. Please remember to store this password in a secure place.

Please specify the username, password, and database role.



Username

root

Host

<All Hosts (%)>

Role

DB Admin

Authentication

☒ MySQL

Password

••••••

Confirm Password

••••••

Password Strength: Weak

OK

Cancel

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Next >



MySQL Installer

# MySQL<sup>®</sup> Installer

MySQL Server 5.6.25

Type and Networking

Accounts and Roles

Windows Service

Apply Server Configuration

## Windows Service

☒ Configure MySQL Server as a Windows Service

### Windows Service Details

Please specify a Windows Service name to be used for this MySQL Server instance. A unique name is required for each instance.

Windows Service Name:

☒ Start the MySQL Server at System Startup

### Run Windows Service as ...

The MySQL Server needs to run under a given user account. Based on the security requirements of your system you need to pick one of the options below.

☒ Standard System Account

Recommended for most scenarios.

☐ Custom User

An existing user account can be selected for advanced scenarios.

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MySQL Installer

# MySQL<sup>®</sup> Installer

MySQL Server 5.6.25

Type and Networking

Accounts and Roles

Windows Service

Apply Server Configuration

## Apply Server Configuration

The configuration operation has stopped.

Configuration Steps

Log

- ✓ Stopping Server [if necessary]
- ✓ Writing configuration file
- ✓ Updating firewall
- ✓ Adjusting Windows service [if necessary]
- ✓ Initializing Database [if necessary]
- ✓ Starting Server
- ✓ Applying security settings
- ✓ Creating user accounts
- ✓ Updating Start Menu Link

Configuration for MySQL Server 5.6.25 has succeeded. Please click Finish to continue.





MySQL Installer

 **MySQL® Installer**  
Samples and Examples

Connect To Server

Apply Server Configuration

## Connect To Server

Here are the compatible servers installed. If more than one, please select one.

Server	Architecture	Status
MySQL Server 5.6.25	X64	Running

Now give us the credentials we should use (needs to have root privileges). Click check to make sure they work.

User:  Credentials provided in Server configuration

Password:

Check



Connection successful.

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Samples and Examples

Connect To Server

Apply Server Configuration

## Apply Server Configuration

The configuration operation has stopped.

Configuration Steps

Log

- ✓ Checking if there are any features installed that need configuration.
- ✓ Starting Server.
- ✓ Getting Connection information (Provide credentials if it is needed).
- ✓ Running Scripts.
- ✓ Stopping Server.

Configuration for Samples and Examples 5.6.25 has succeeded. Please click Finish to continue.



MySQL Installer

# MySQL<sup>®</sup> Installer

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## Installation Complete


The installation procedure has been completed.

Copy Log to Clipboard

☒ Start MySQL Workbench after Setup



## MySQL Connections

 Filter connections

new connection






root



127.0.0.1:3306



Models   




## MySQL Connections

 Filter connections

new connection

 root

 127.0.0.1:3306



### Connect to MySQL Server

**Please enter password for the following service:**



**Service:** Mysql@127.0.0.1:3306

**User:** root

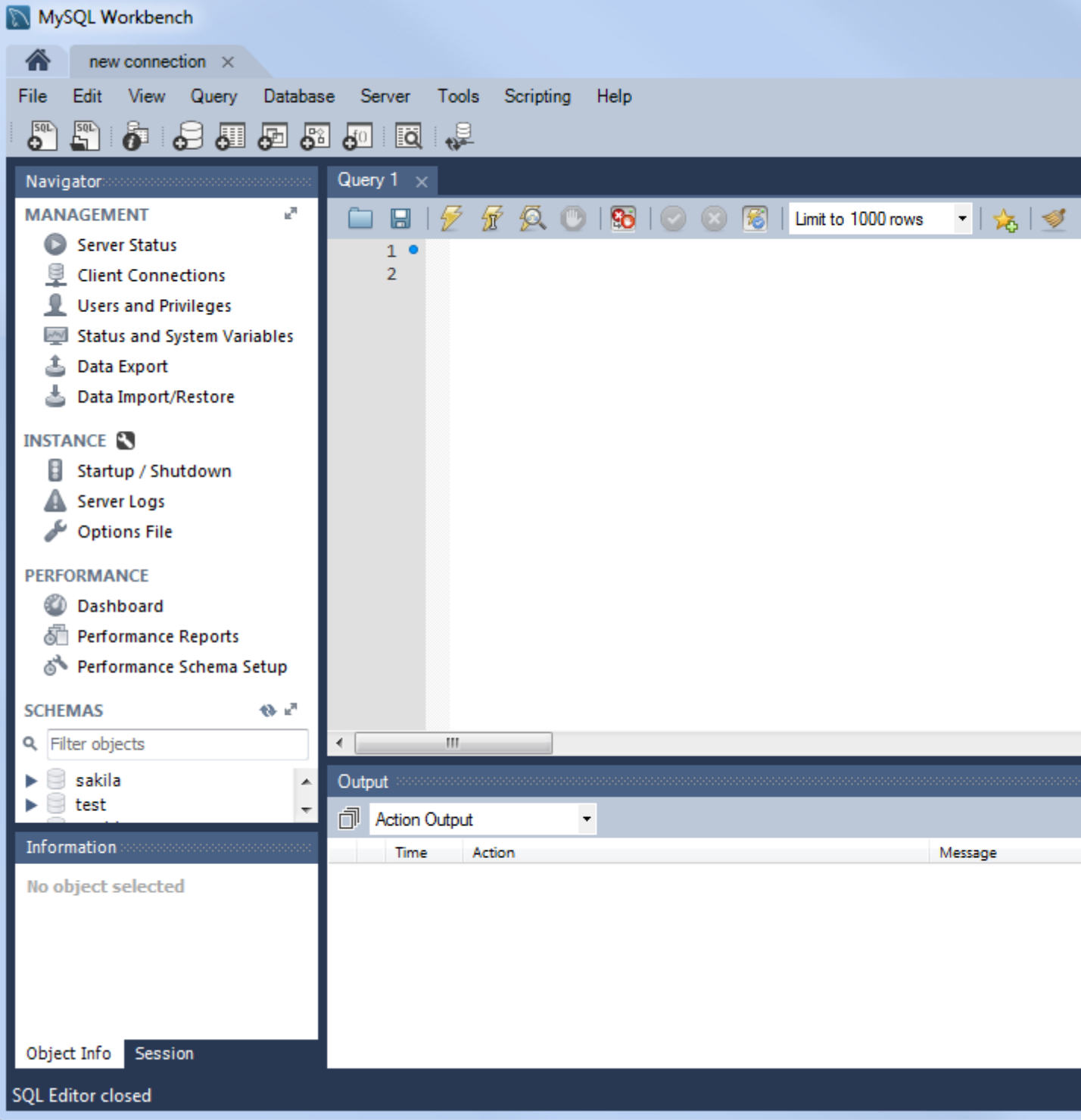
**Password:**

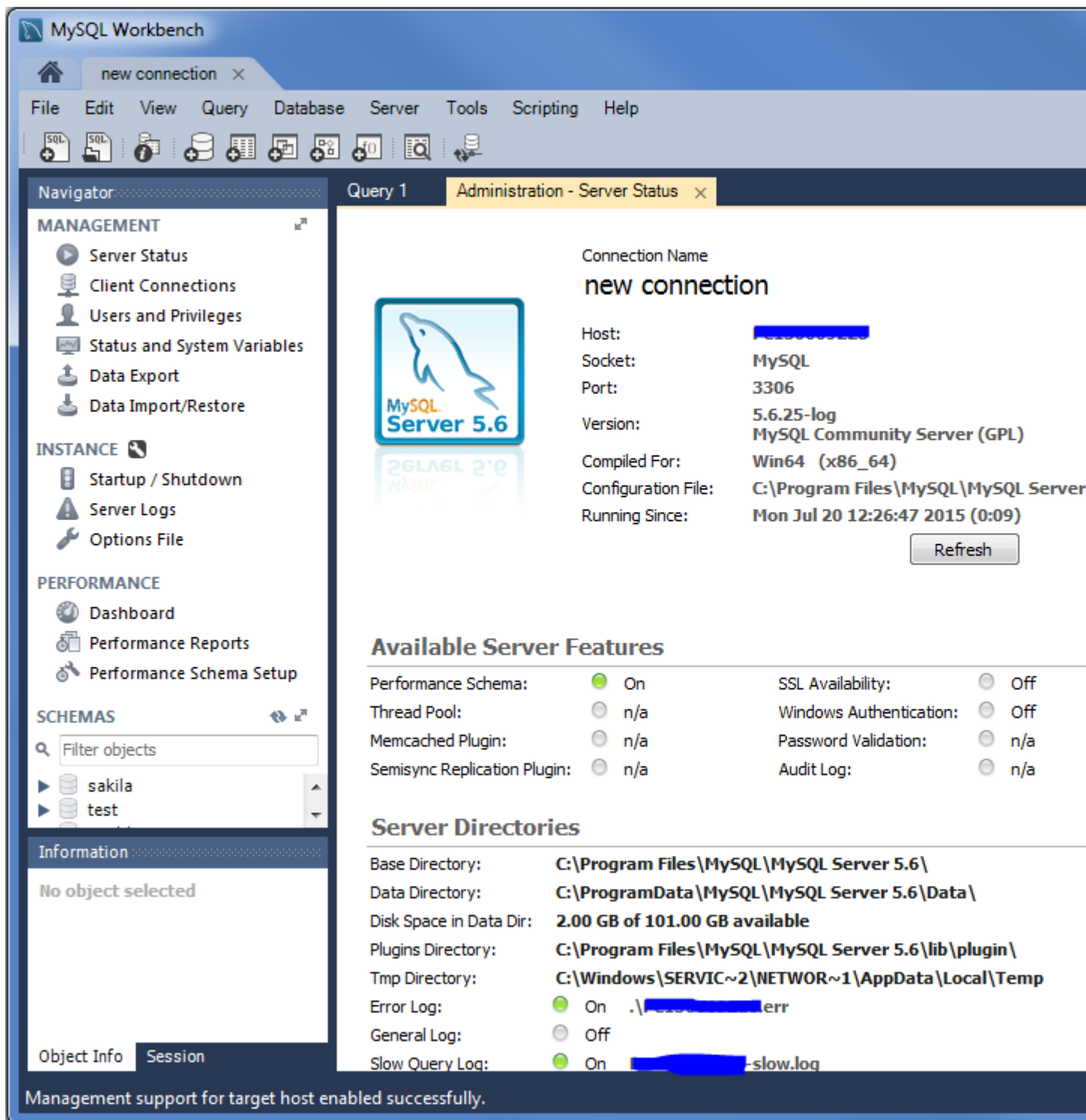
☒ Save password in vault

OK

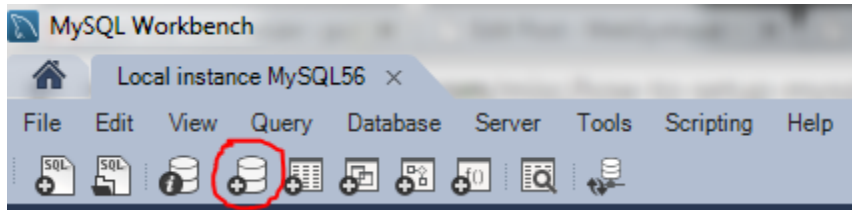
Ca

Models   





**Step 2:** Once the installation done, You can create a new Schema/database [look at upper toolbar on workbench for quick links]. In MySQL, a schema is synonymous with a database.

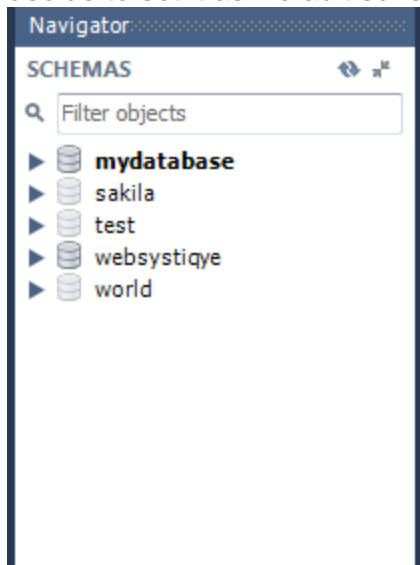


Click on highlighted link to create a schema, it will open a popup and guide you to create a Schema.

Alternatively, you can execute following SQL in SQL tab from above toolbar to create the database.

**\$>create DATABASE mydatabase;**

**Step 3:** Once the schema created, it will be shown in Navigator pane on left. You may decide to set it as Default schema by select schema->Right click->Set As Default Schema.



**Step 4:** Grant necessary privileges so that your user can access the tables/other artifacts from that database. Execute following SQL inside an SQL tab.

**\$> GRANT ALL PRIVILEGES ON mydatabase.\* TO “myuser”@”localhost” IDENTIFIED BY “mypassword”;**

User, password mentioned here are the one your external application will use to connect to database. The quotes mentioned above are required.

**Step 5:** Now you can access your database from your external applications using following url:

URL : `jdbc:mysql://localhost:3306/mydatabase`

user/password : myuser/mypassword as defined in step 4. Port mentioned in URL is the default port used but you can change it using workbench.

That's it. You may do everything we discussed above using mysql command line option instead of workbench.



