

How to install MySQL Server 8 (64-bit) for Qbit-TNT

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(** Work in progress **)

Downloads

Download the community MySQL server setup program `mysql-installer-community-5.7.21.0.msi` from <https://dev.mysql.com/downloads/windows/installer/5.7.html>. Choose the 32-bit MSI installer, about 370 MB.

Download the MySQL Connector/ODBC setup program `mysql-connector-odbc-5.3.10-win32.msi` from <https://dev.mysql.com/downloads/connector/odbc/>. Choose the 32-bit MSI installer, about 8 MB.

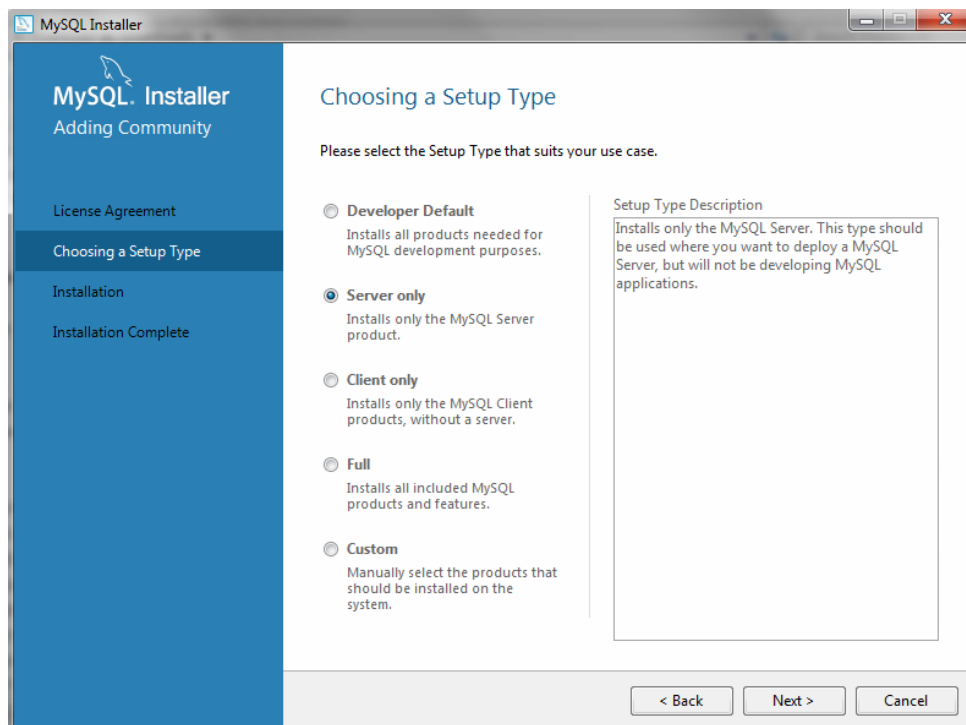
Install MySQL Server

Make sure you are logged into the *Cubiscan* account, which has administrator rights. User *Measure* is not an administrator.

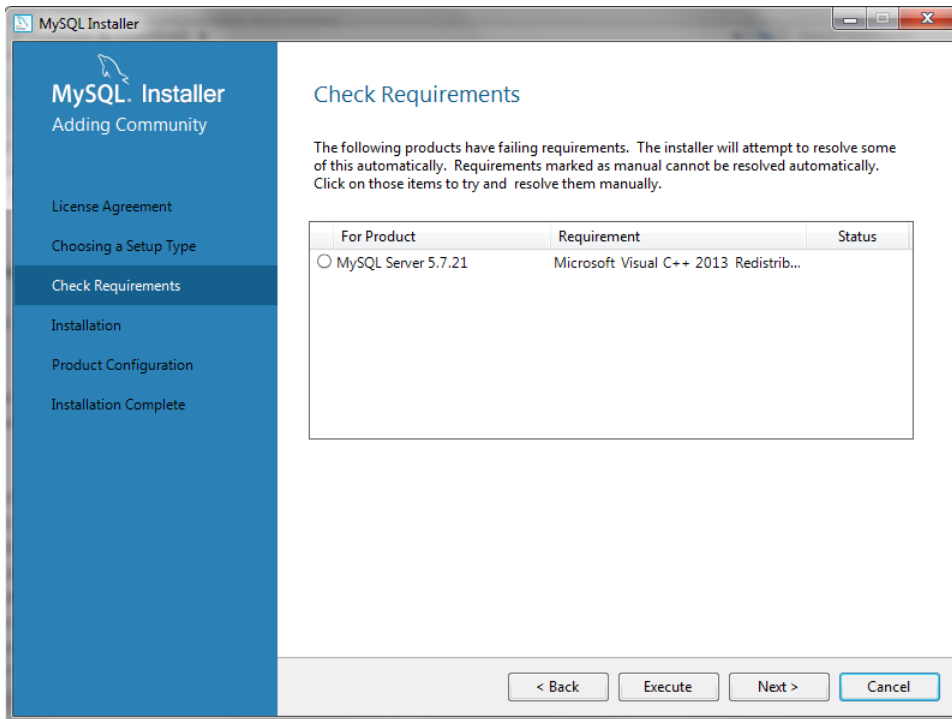
Start the `mysql-installer-community` program. (These instructions reflect ver 1.4 of the installer)

Accept the license terms, then click [Next].

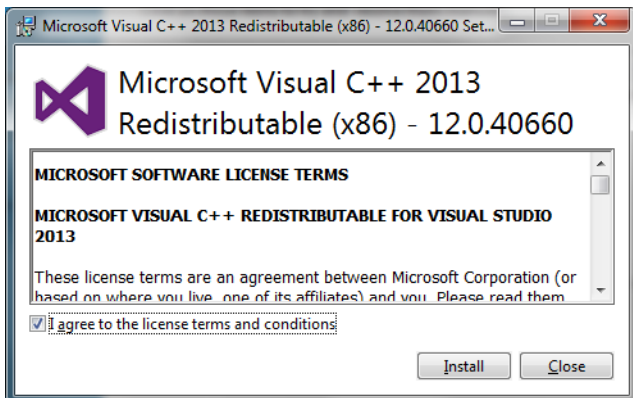
Select Server Only, then click [Next].



If this requirement for Visual C++ 2013 Redistributable pops up, click [Execute] (not [Next!]).



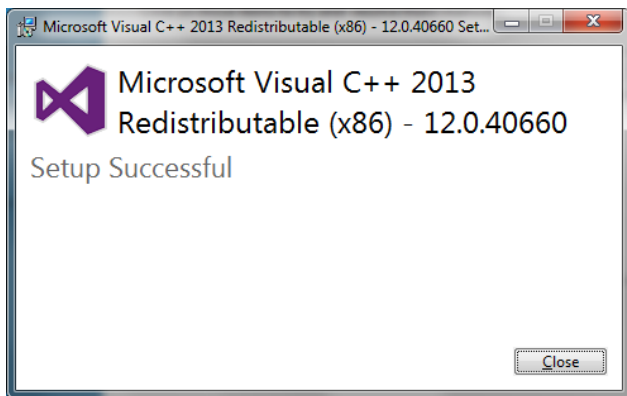
Check the "agree" box, then click [Install].



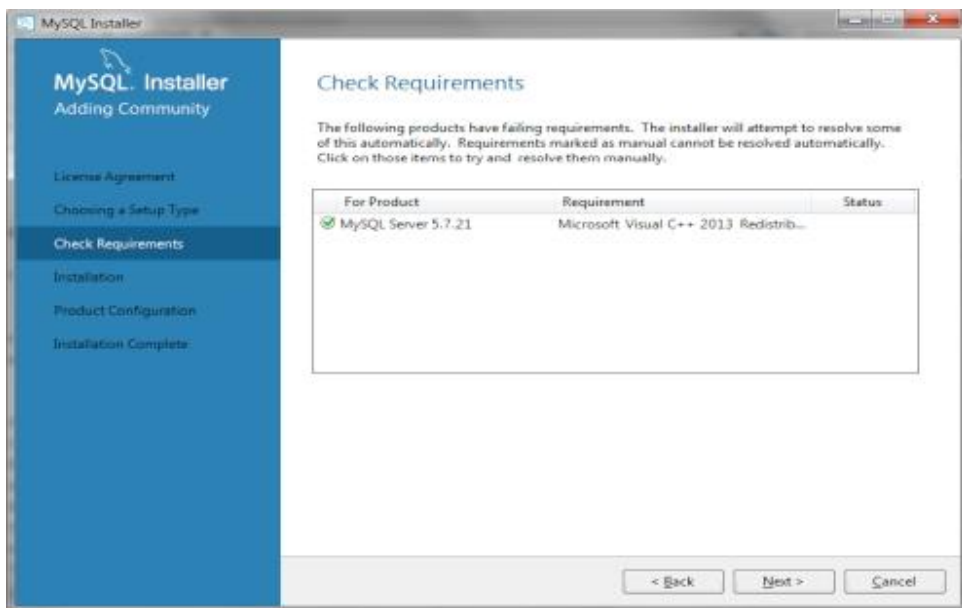
Make sure installation is successful.

If this fails for whatever reason (which it sometimes does), you must click [Cancel] on the MySQL server installer program, download the setup file from Microsoft and install it manually, then restart the MySQL server installer program.

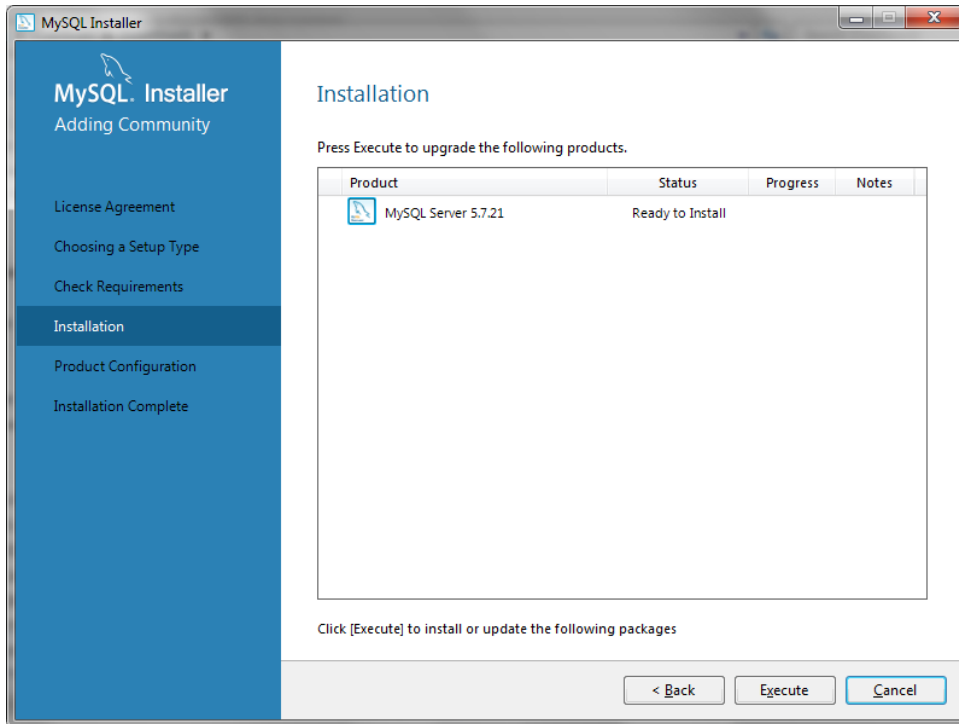
Click [Close].



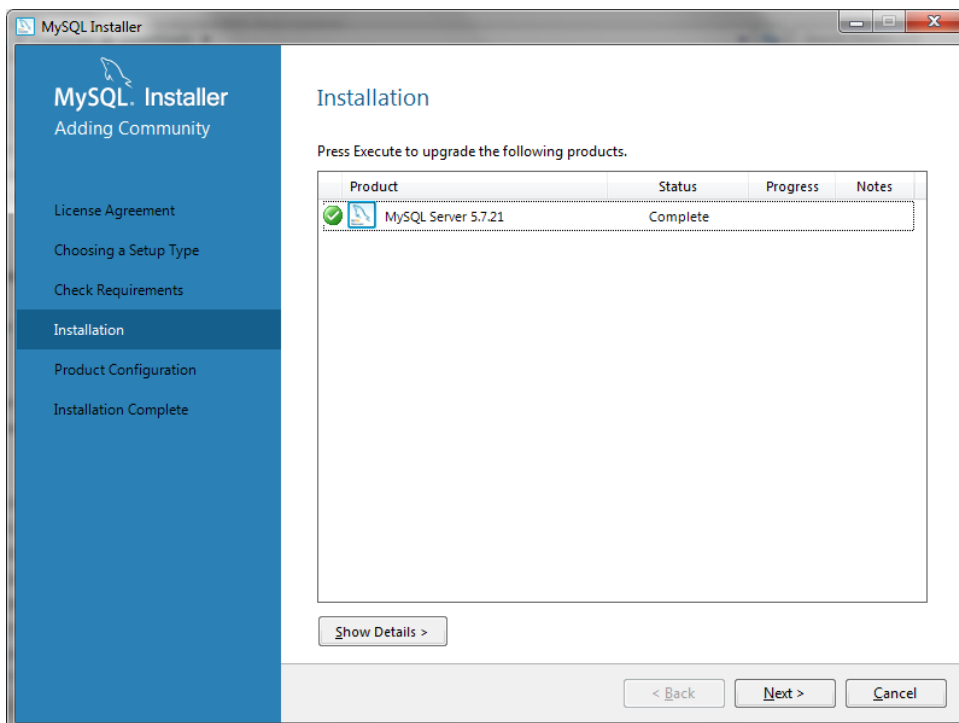
If Visual C++ 2013 Redistributable installed correctly, click [Next].



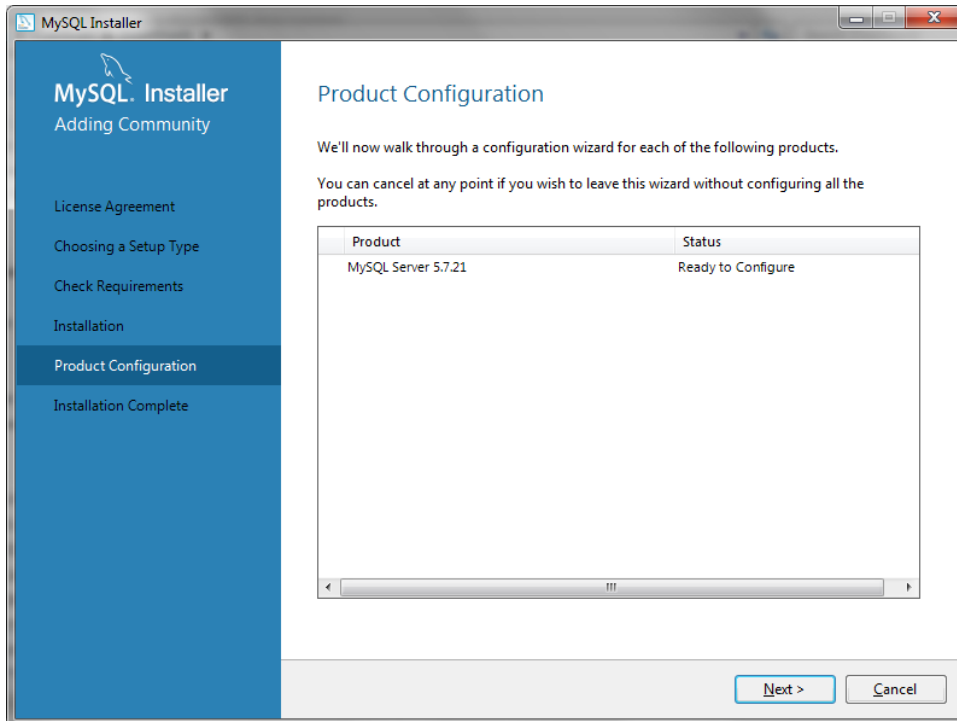
Click [Execute] to install MySQL Server.



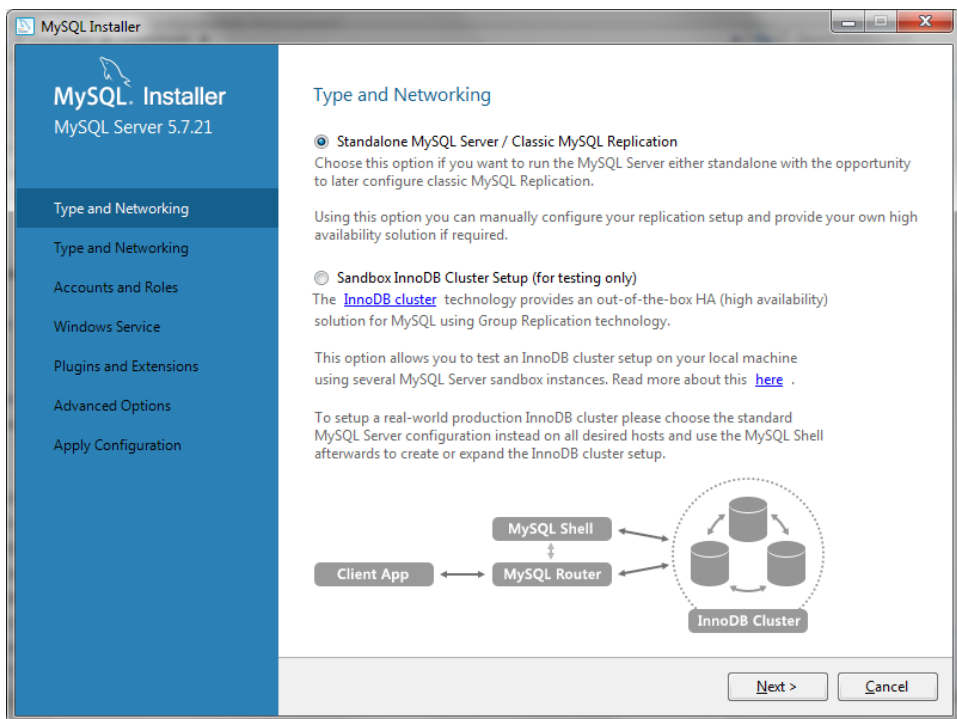
Wait for installation to complete, then click [Next].



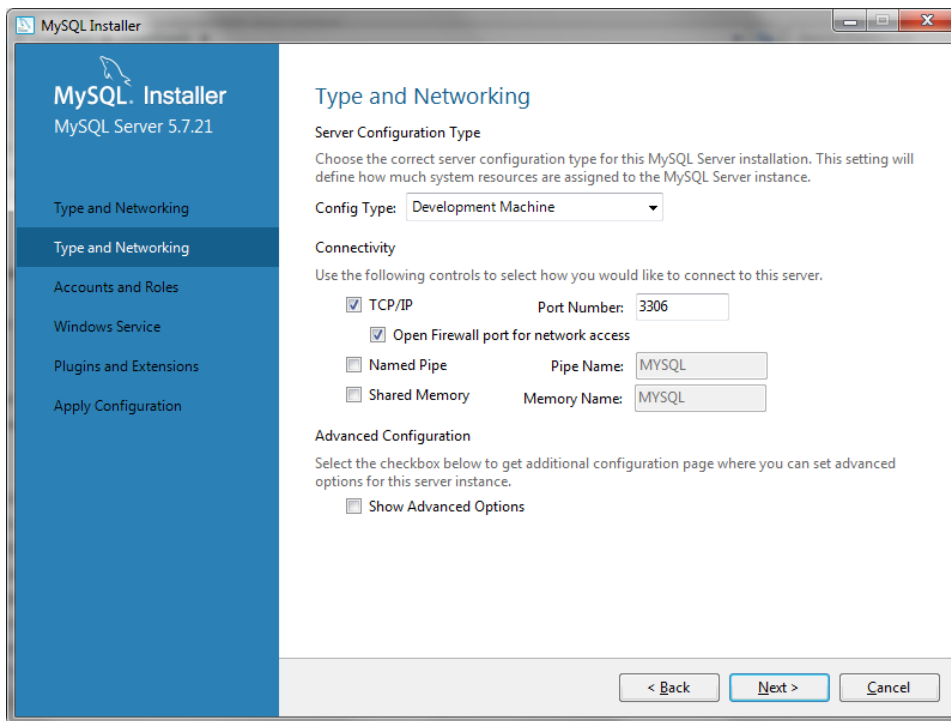
At Product Configuration page, click [Next].



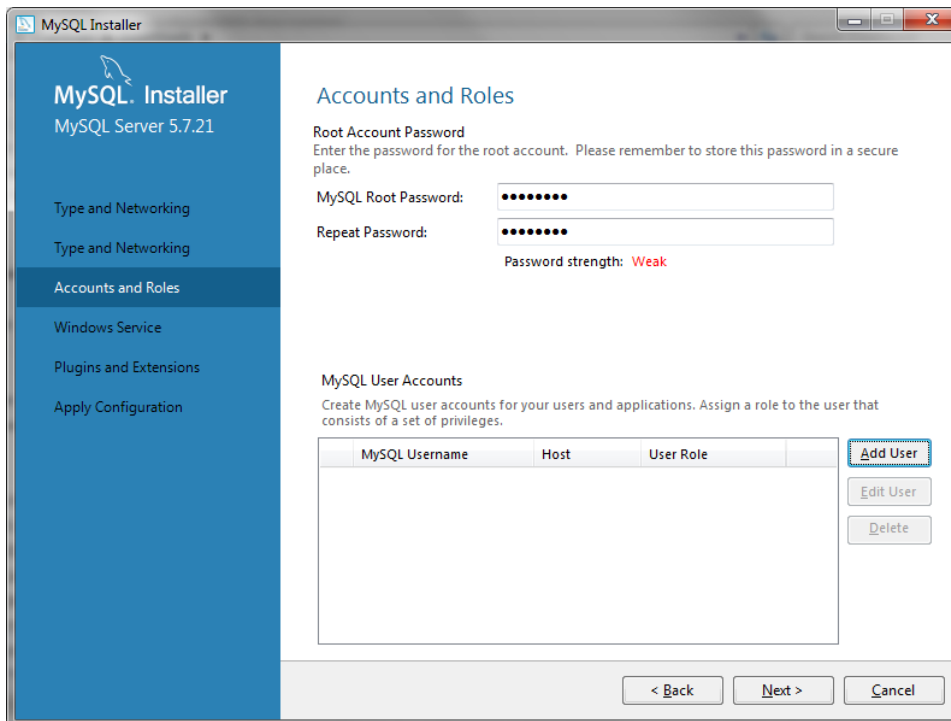
“Standalone MySQL Server” should be selected by default. Click [Next].



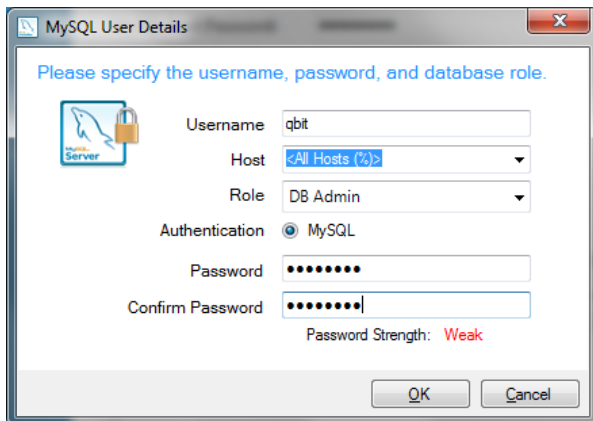
Accept the defaults for Type and Networking.
Click [Next].



Enter a root password. Use `dodroot`
Click [Add User].




Username is `qbit`, password is `cubiscan`. Leave other fields as default. Click [OK].



MySQL User Details

Please specify the username, password, and database role.

 Username:

Host:

Role:

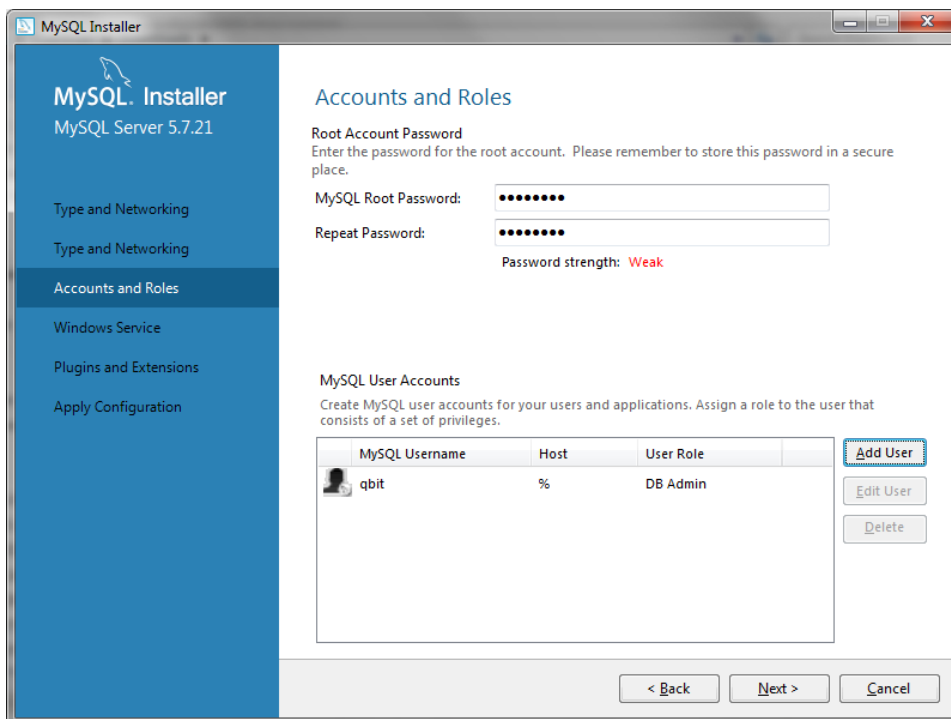
Authentication: MySQL

Password:

Confirm Password:

Password Strength: **Weak**

Make sure `qbit` is listed as a user account. Click [Next].



MySQL Installer

MySQL Server 5.7.21

Type and Networking

Type and Networking

Accounts and Roles

Windows Service

Plugins and Extensions

Apply 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:

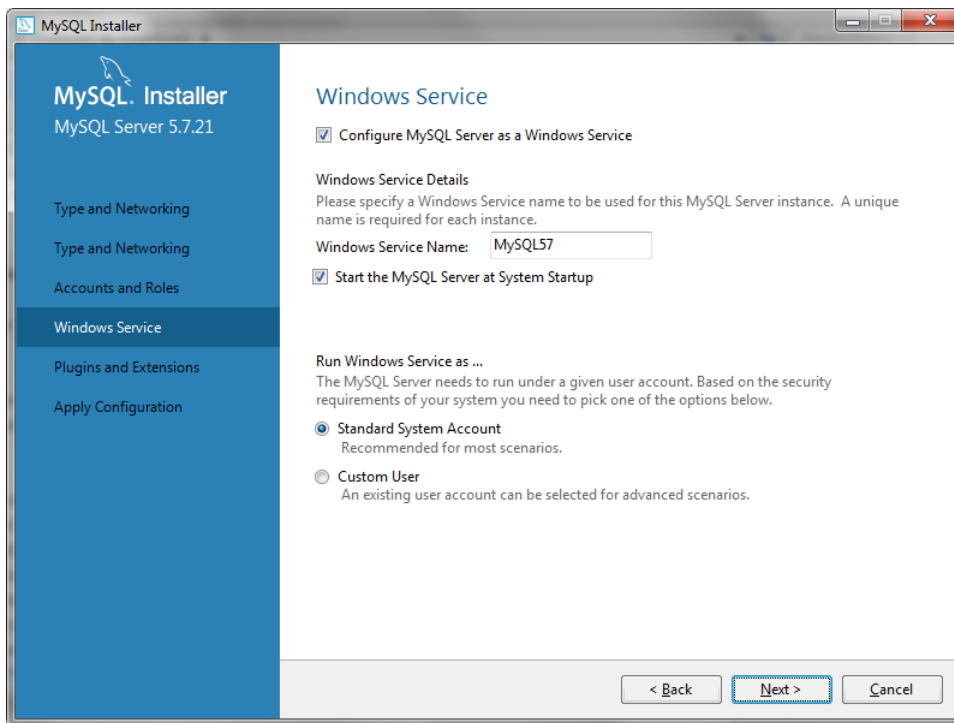
Repeat Password:

Password strength: **Weak**

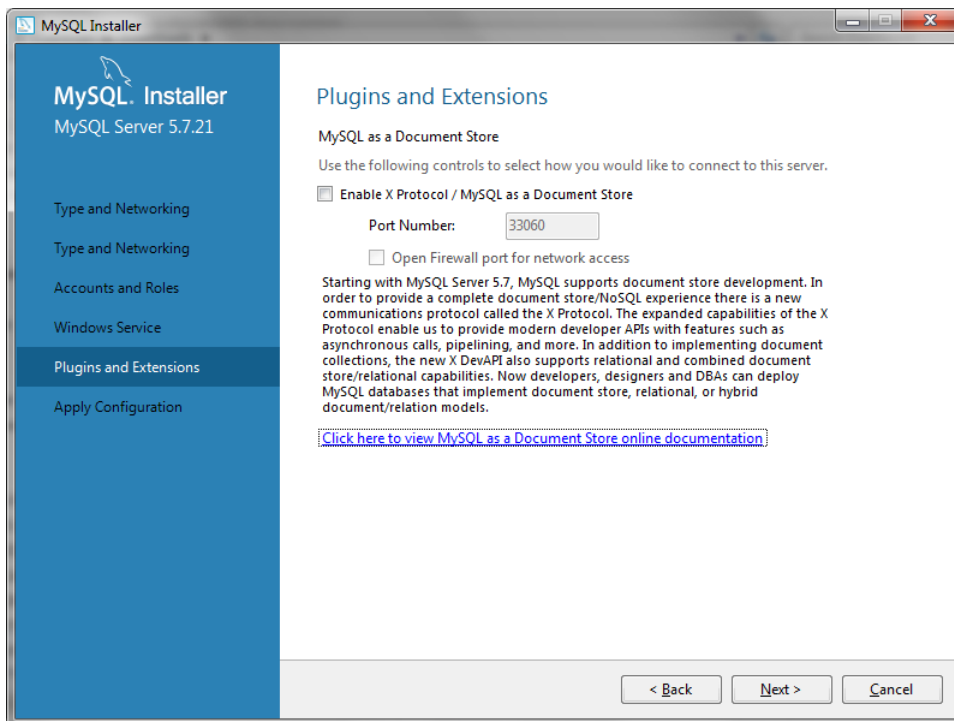
MySQL User Accounts
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL Username	Host	User Role	
 qbit	%	DB Admin	<input type="button" value="Add User"/>

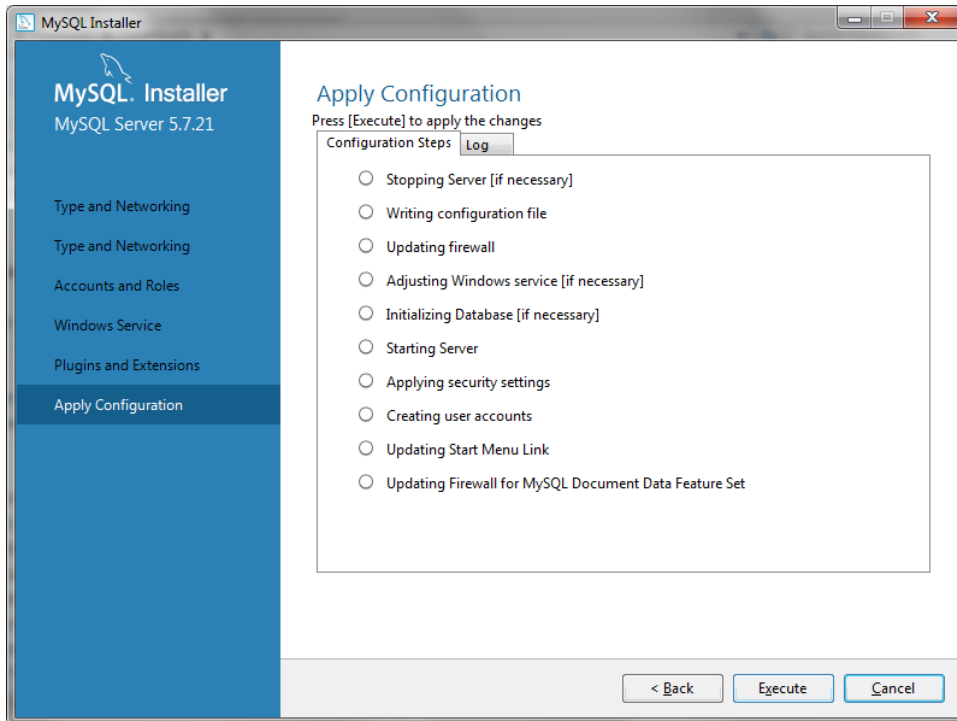
Accept the defaults for Windows Service.
Click [Next].



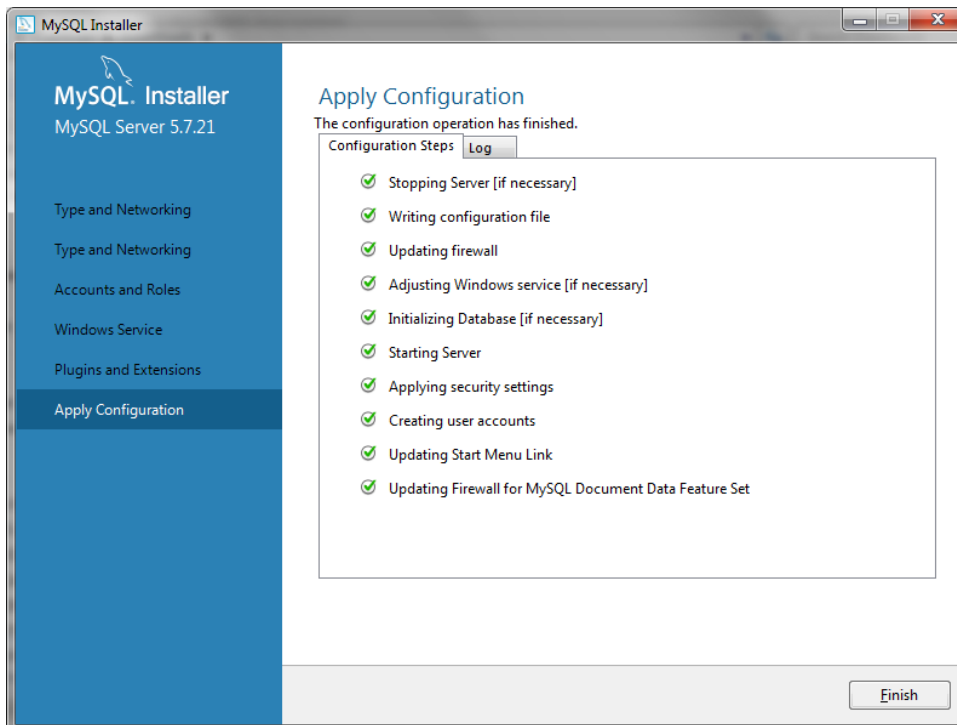
Accept the defaults for Plugins and Extensions.
Click [Next].



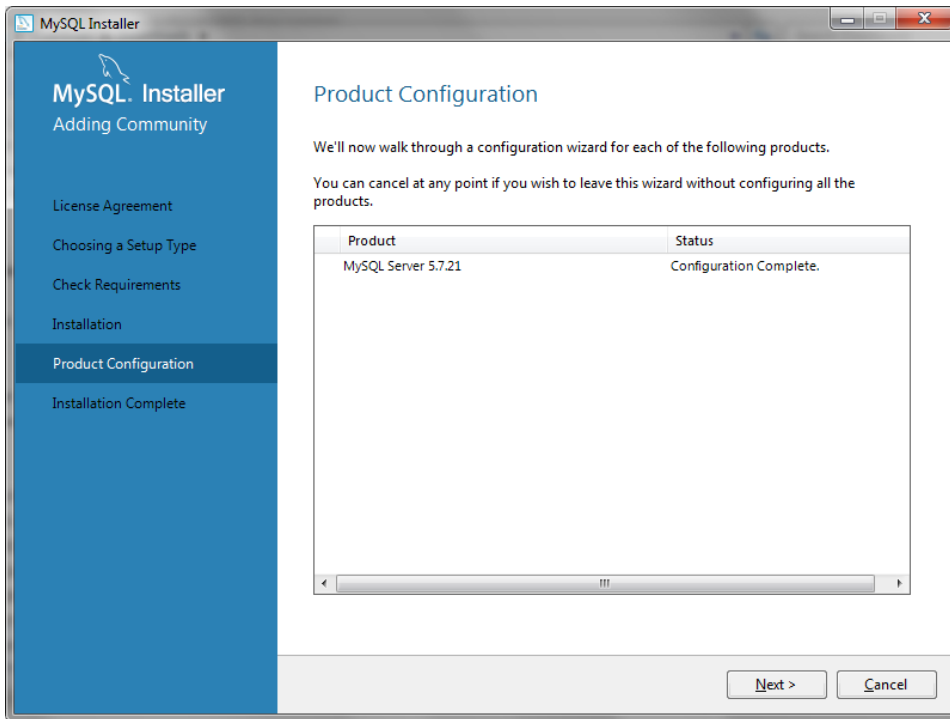
Click [Execute] to apply the configuration.



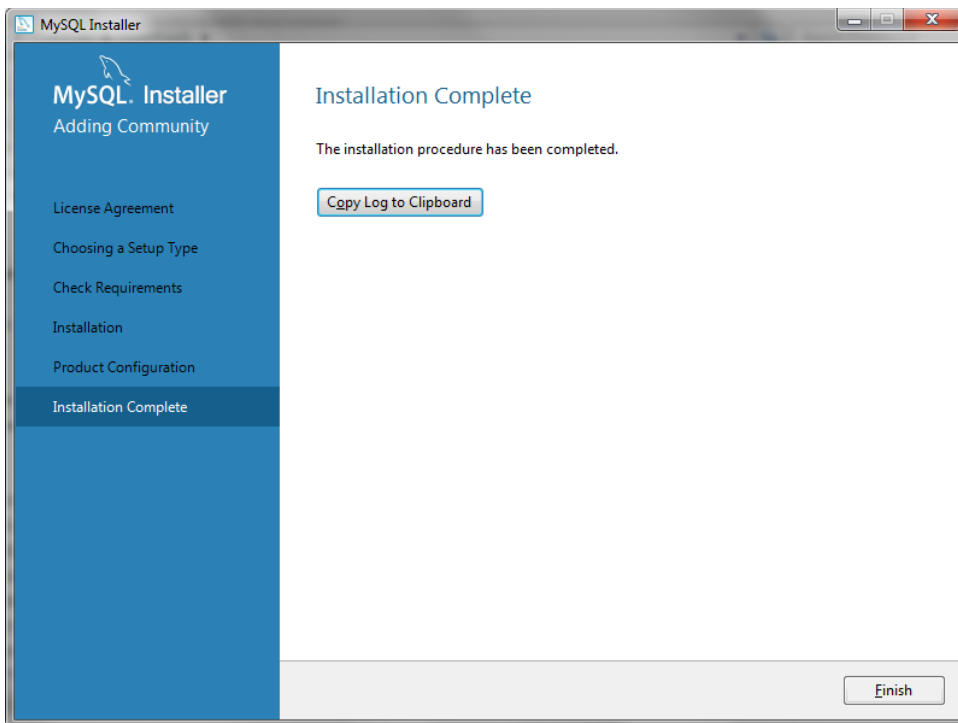
Click [Finish].



Configuration is complete.
Click [Next].



Click [Finish].



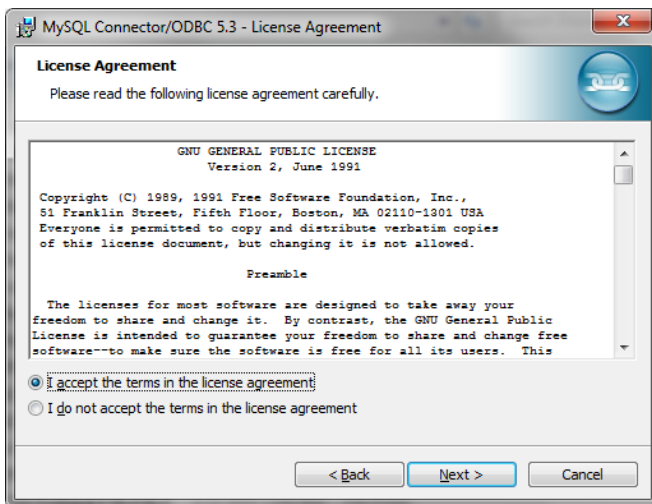
Install the MySQL ODBC Connector

Start the `mysql-connector-odbc` installer.

Click [Next].

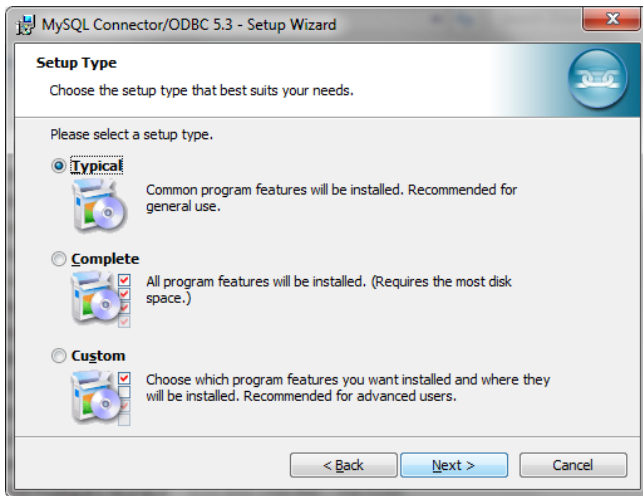


Select "I accept", then click [Next].

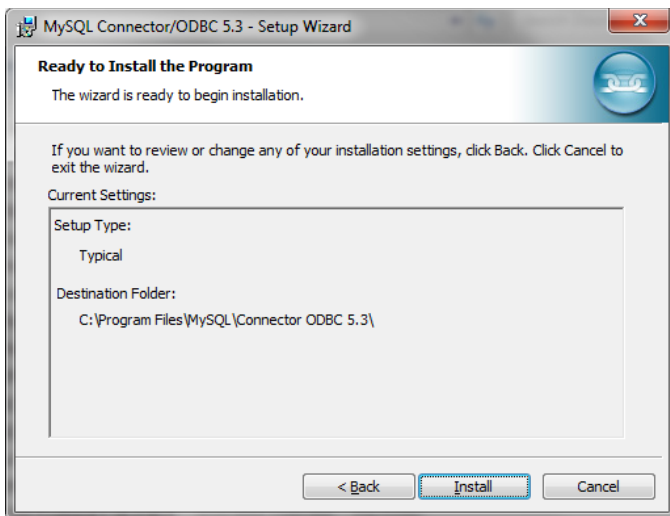


“Typical” is selected by default.

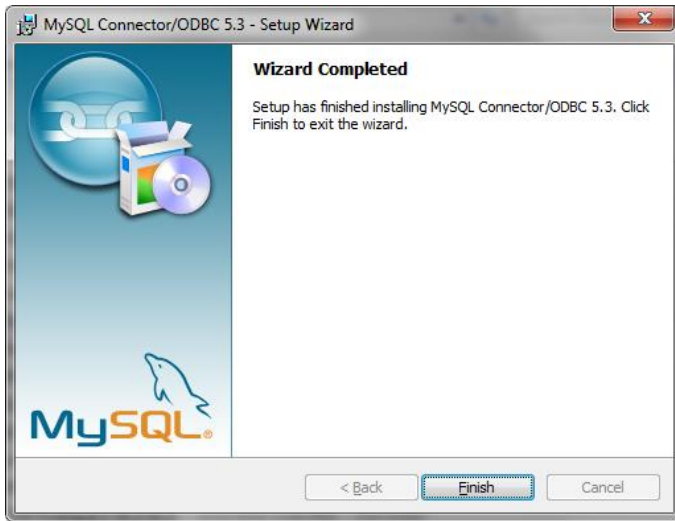
Click [Next].



Click [Install].

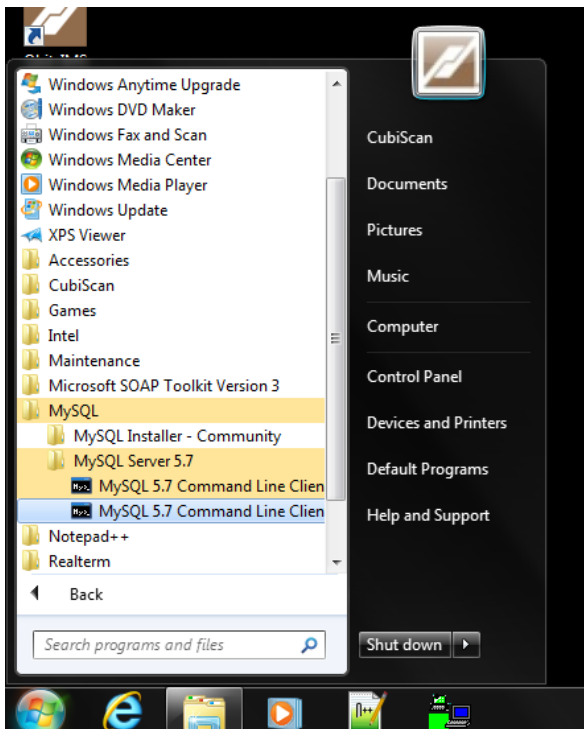


When installation is finished, click [Finish].

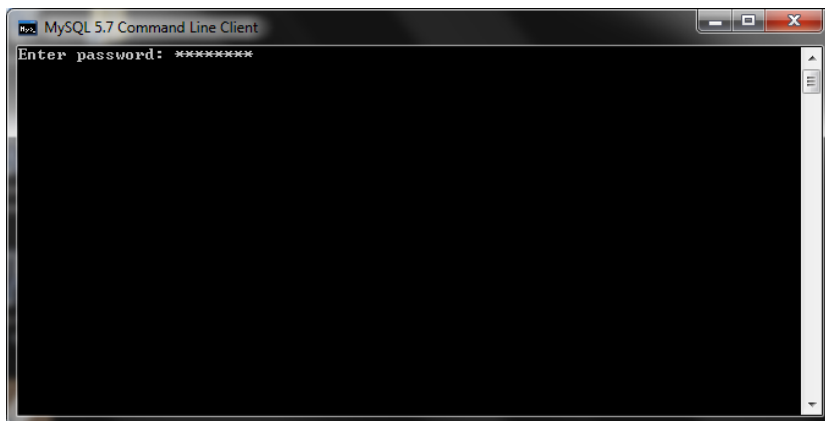


Configure MySQL Server

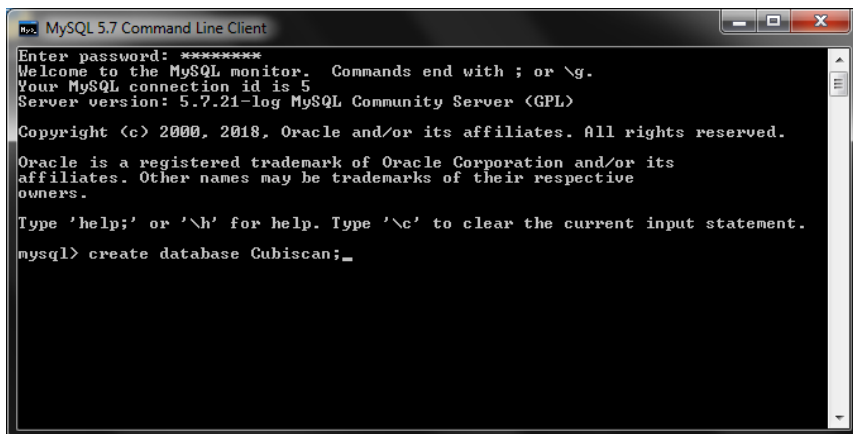
Start the MySQL 5.7 Command Line Client. (There are two flavors; either one will work.)



Enter the root password: dodoroot

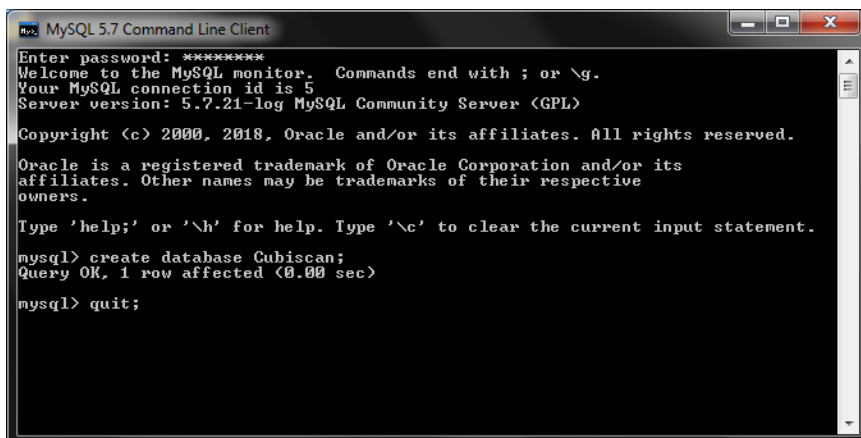


Type: `create database Cubiscan;` and press Enter (don't omit the semicolon). This will create the database TNT will use.



Response should be: `Query OK. 1 row affected`

Type: `quit;` and press Enter.



Finish

Installation and configuration of MySQL is complete.

In TNT-main.ini files, set `database type` to 2, and make sure only one module is set as Database Master. Comment out all the `Connection String` entries in order to use the hardcoded default.