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.
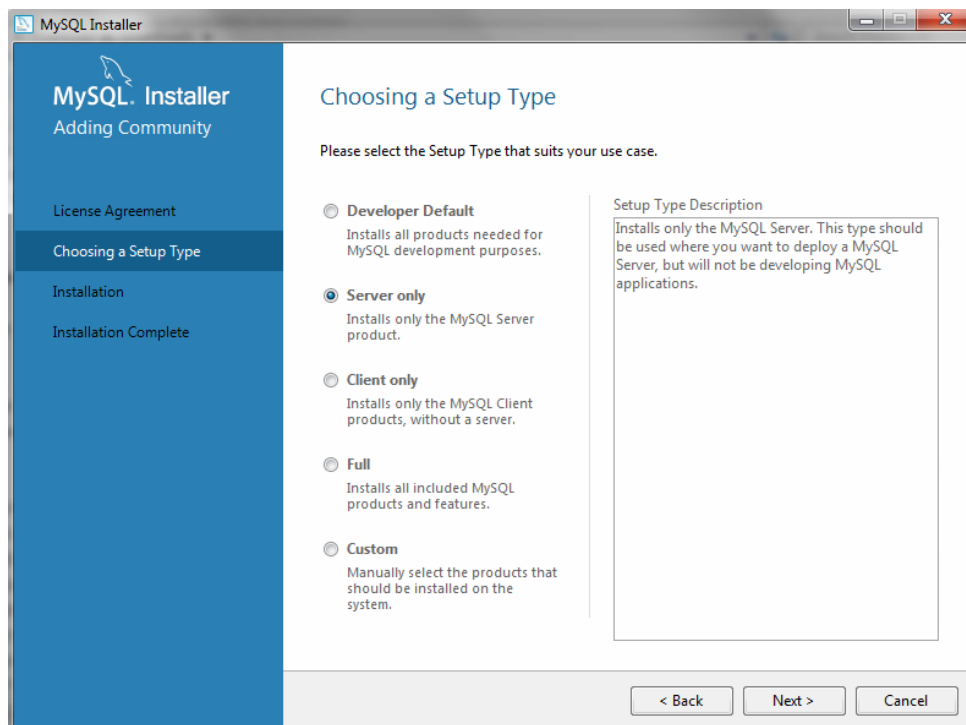
Install MySQL Server

Make sure you are logged into the *Cubiscan* account, which has administrator rights. User *Measure* is not an administrator.
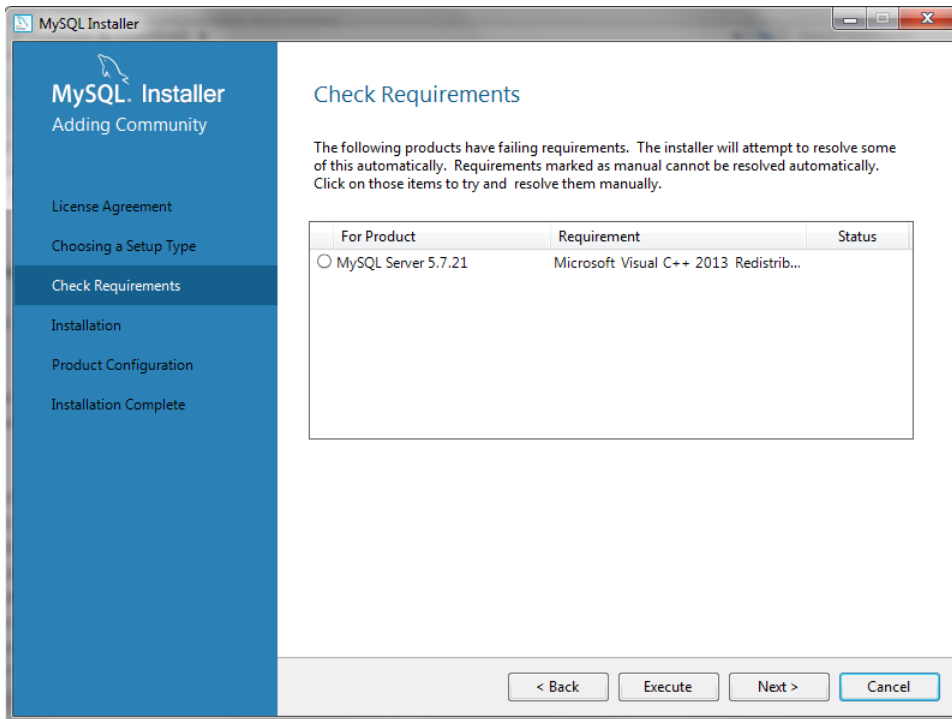
Start the `mysql-installer-community` program. (These instructions reflect ver 1.4 of the installer)

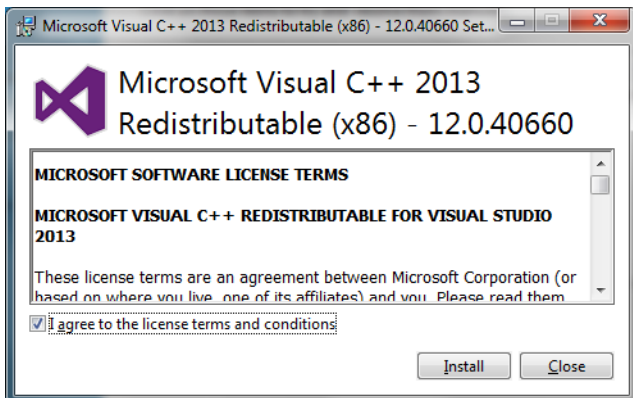Accept the license terms, then click [Next].

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.
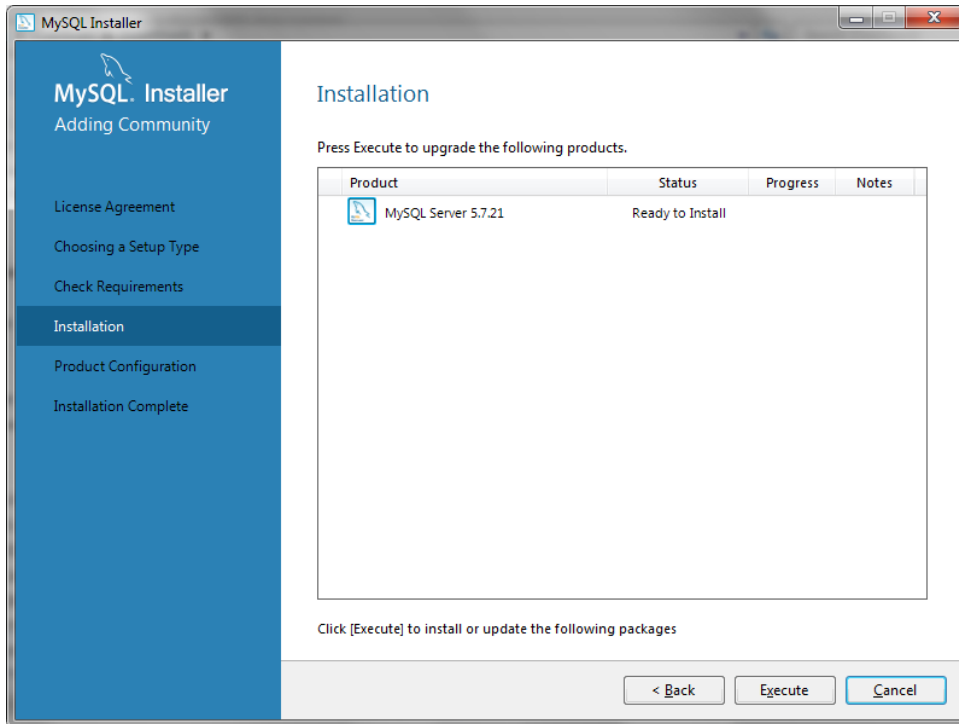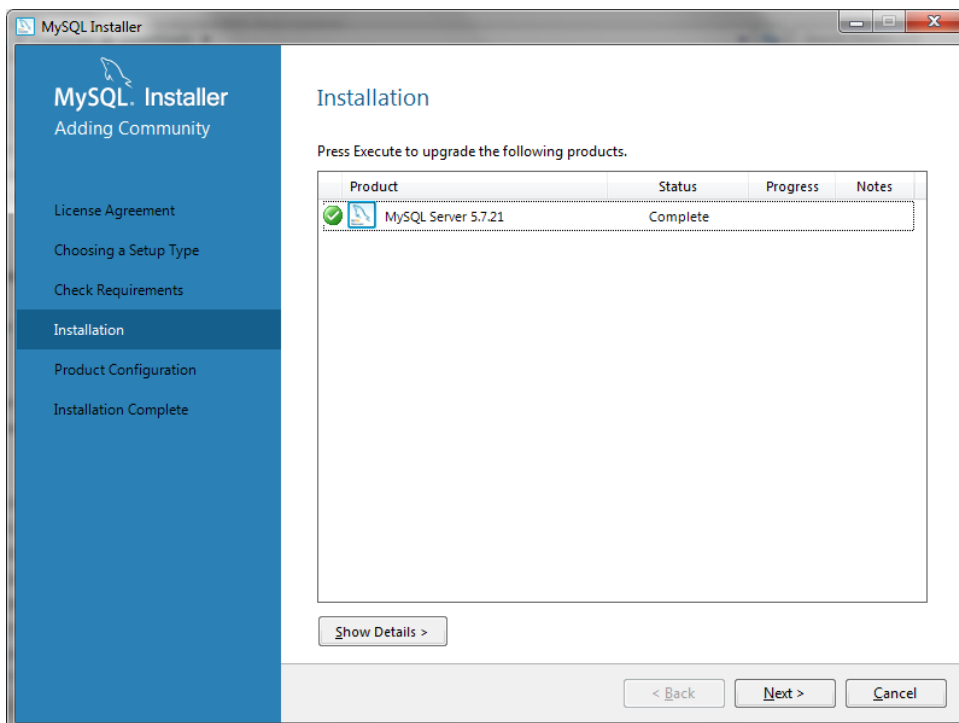
Click [Close].
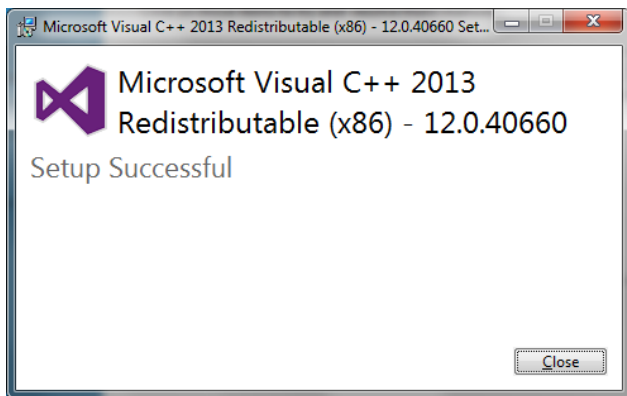
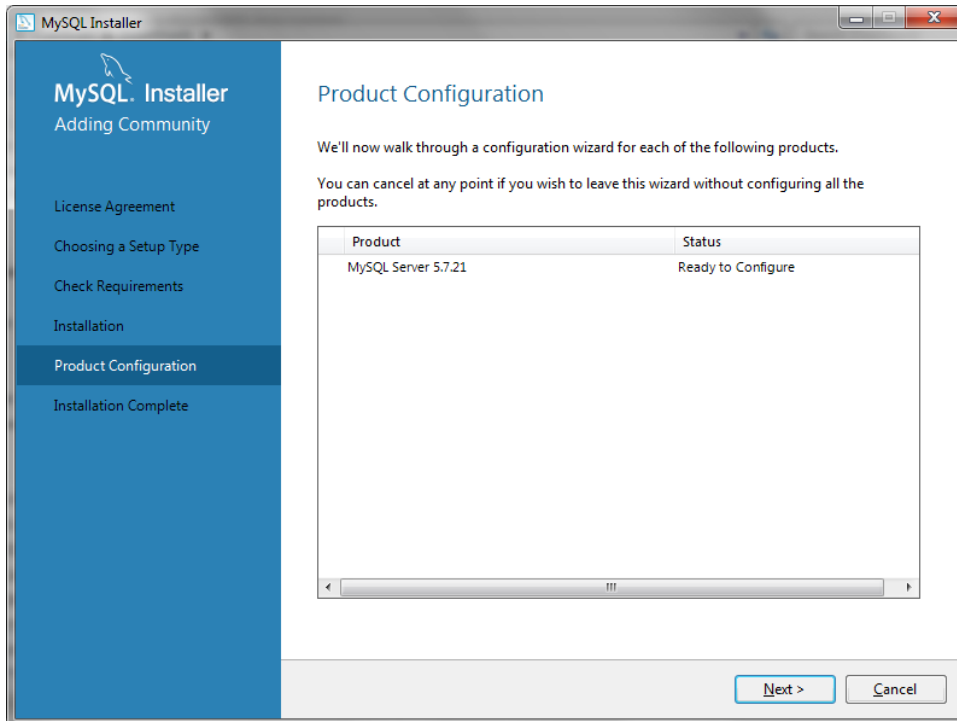If Visual C++ 2013 Redistributable installed correctly, click [Next].
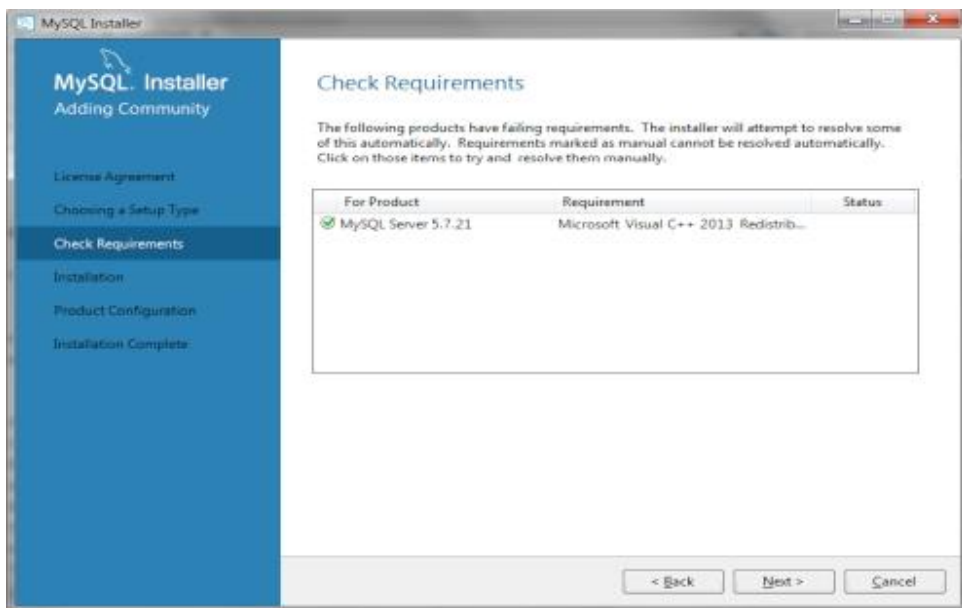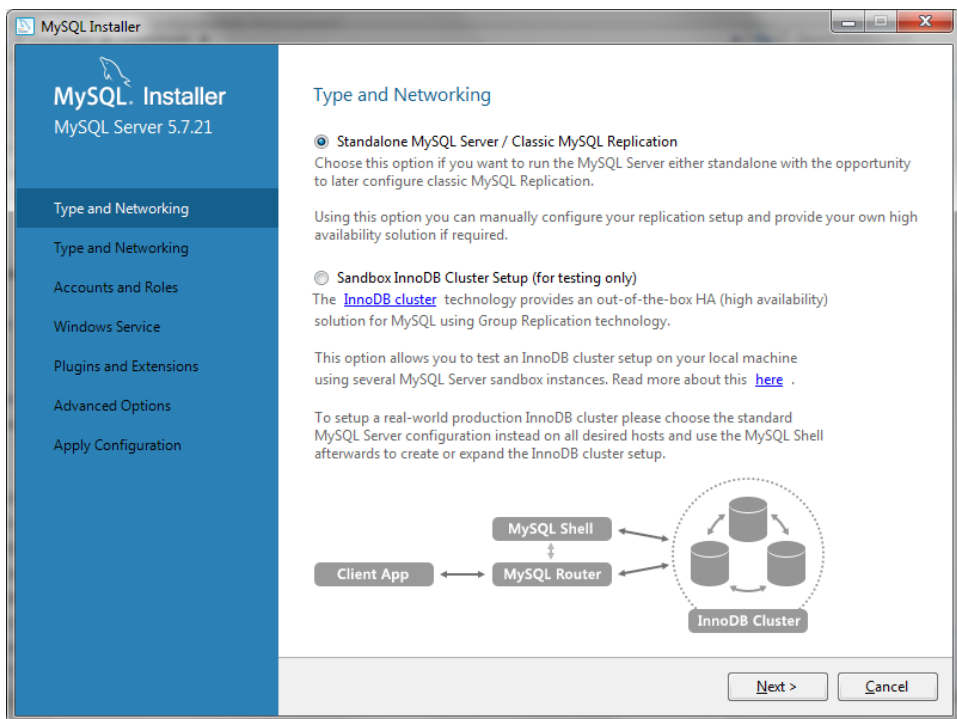
Click [Execute] to install MySQL Server.

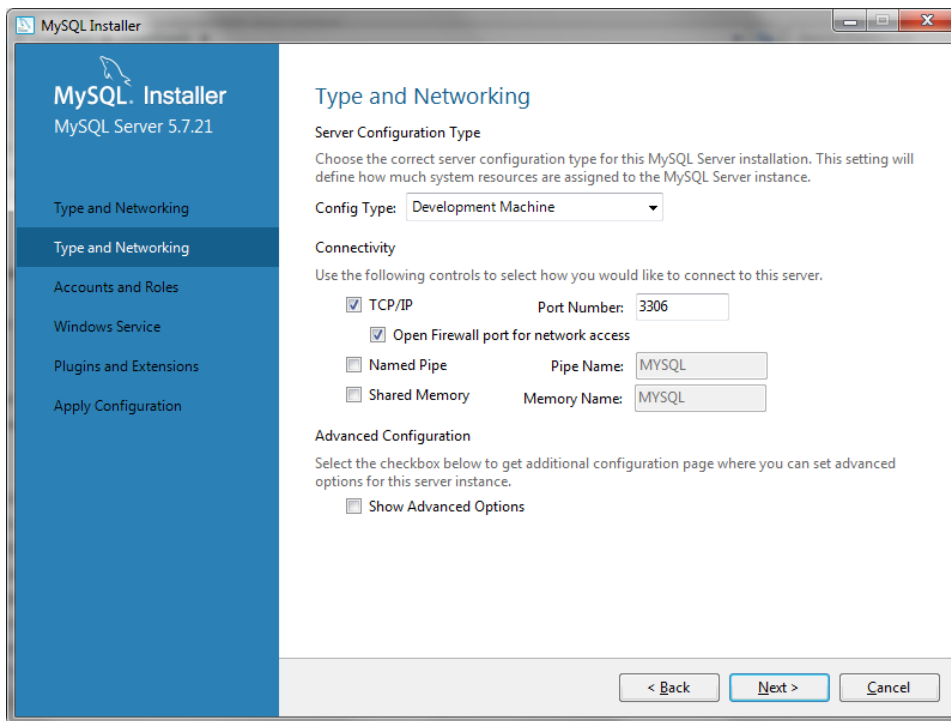Wait for installation to complete, then click [Next].
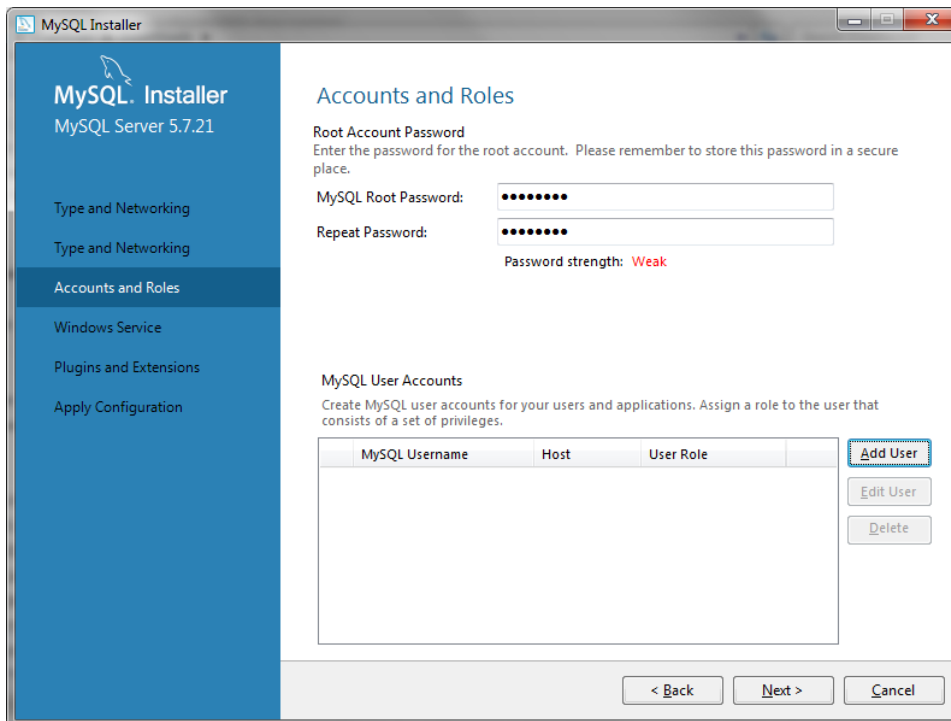
At Product Configuration page, click [Next].

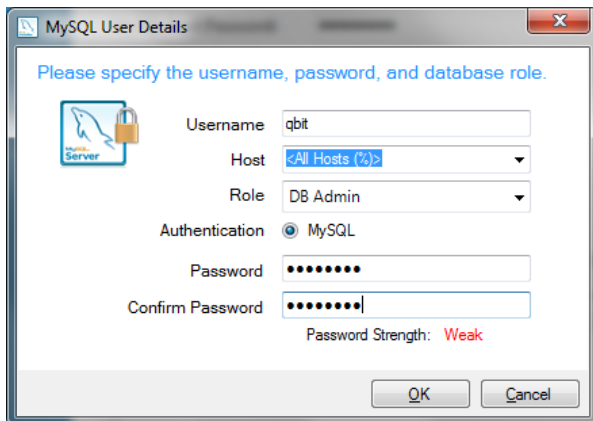"Standalone MySQL Server" should be selected by default.
Click [Next].

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

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

Username is `qbit`, password is `cubiscan`. Leave other fields as default.
Click [OK].
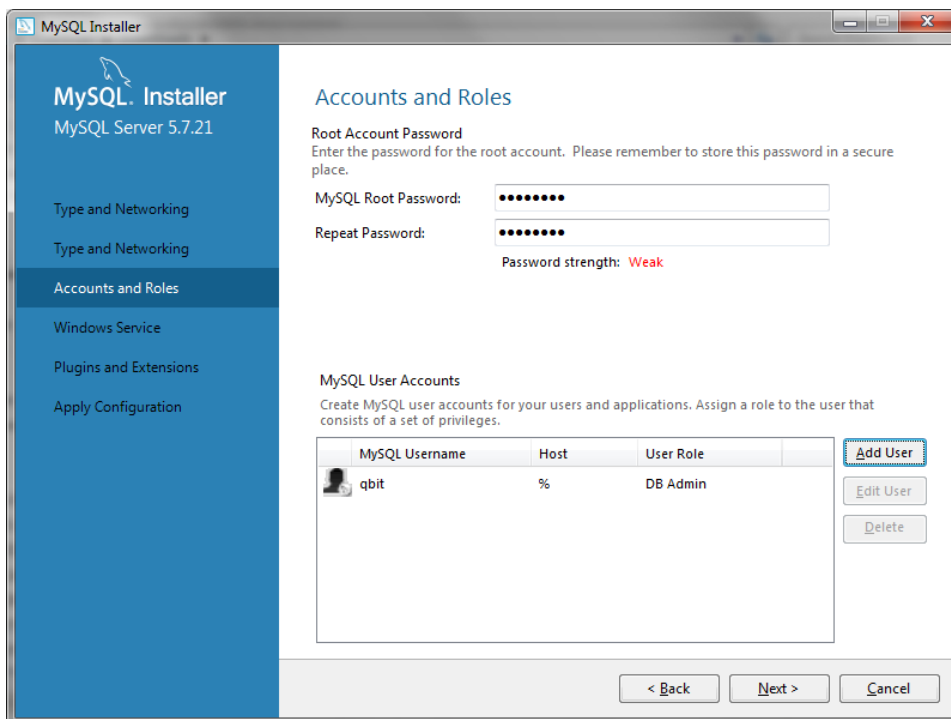
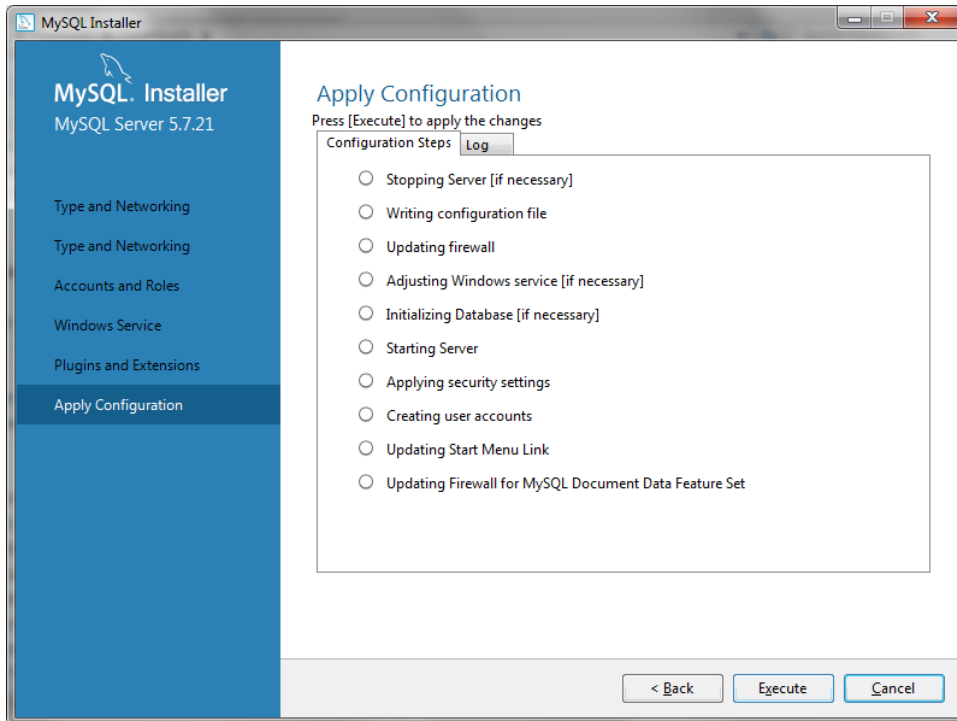Make sure `qbit` is listed as a user account.
Click [Next].

Accept the defaults for Windows Service.
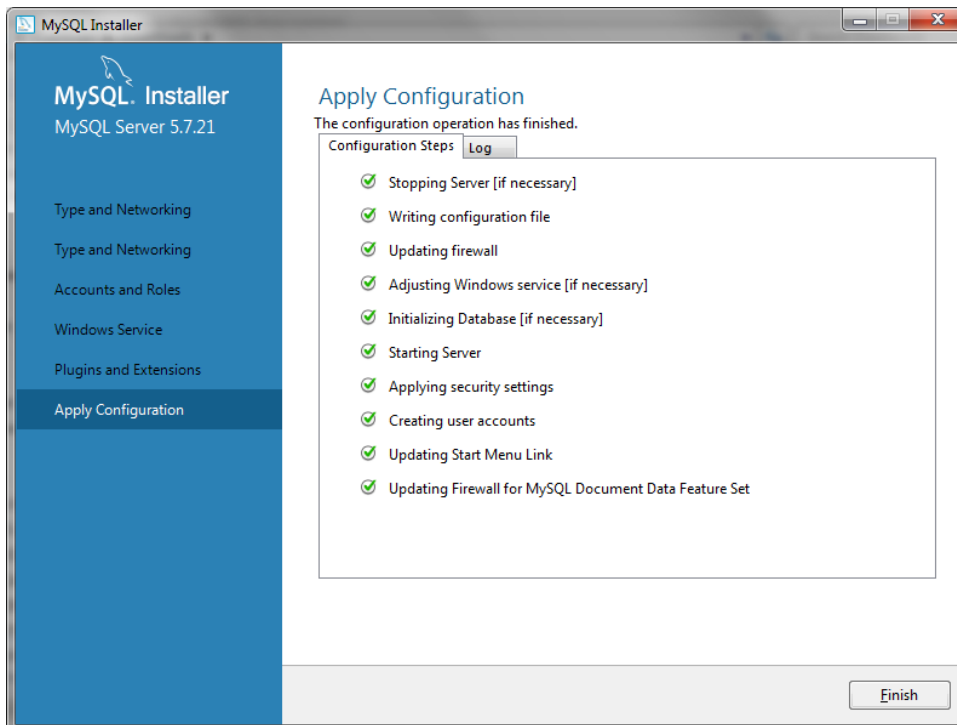Click [Next].
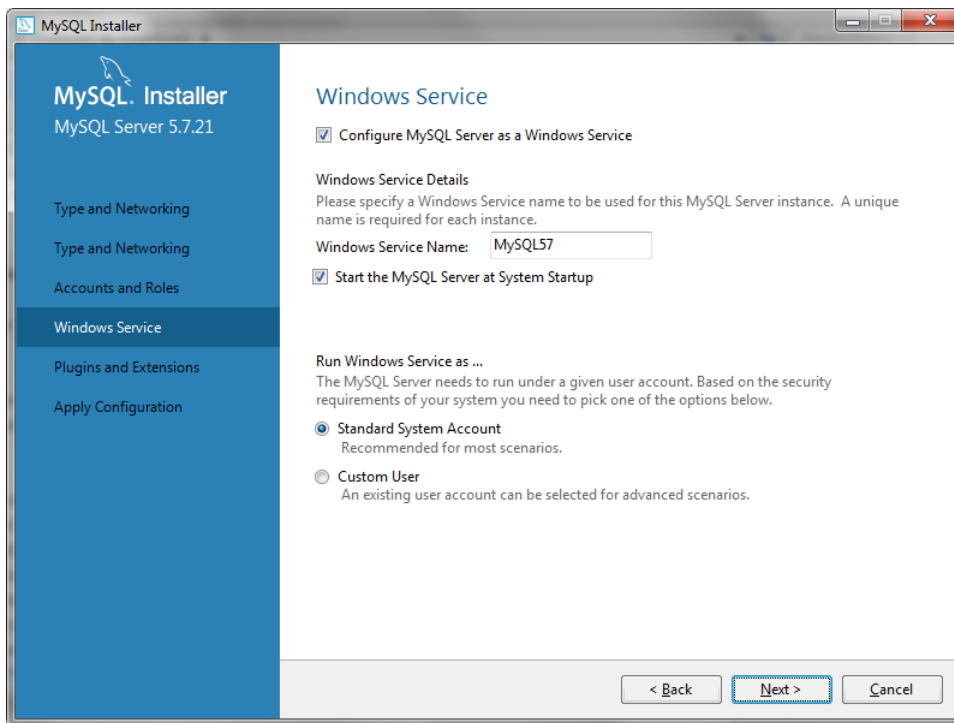
Accept the defaults for Plugins and Extensions.
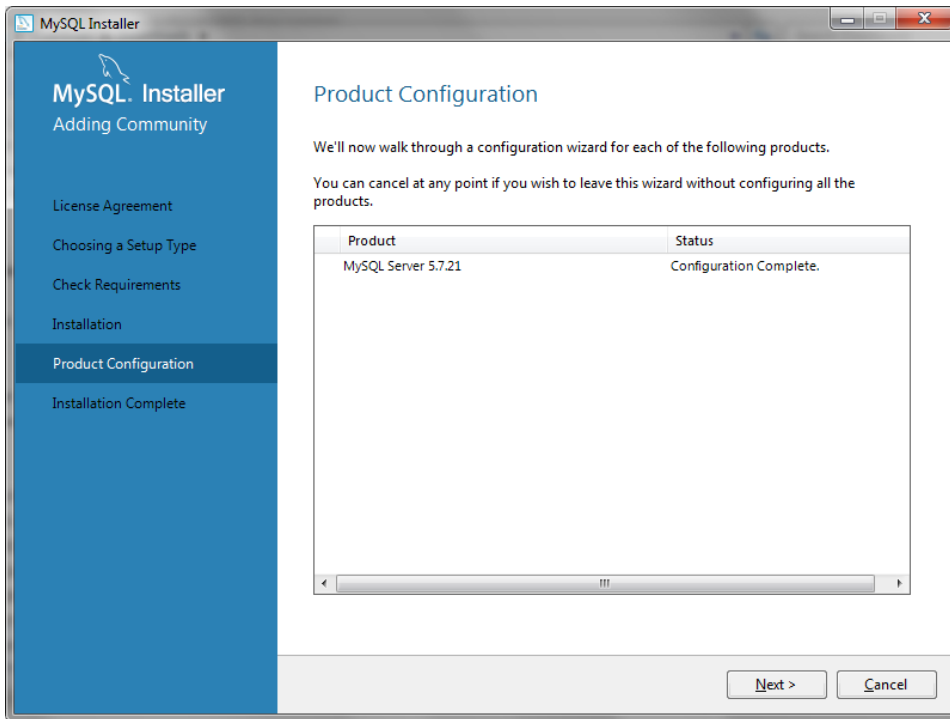Click [Next].
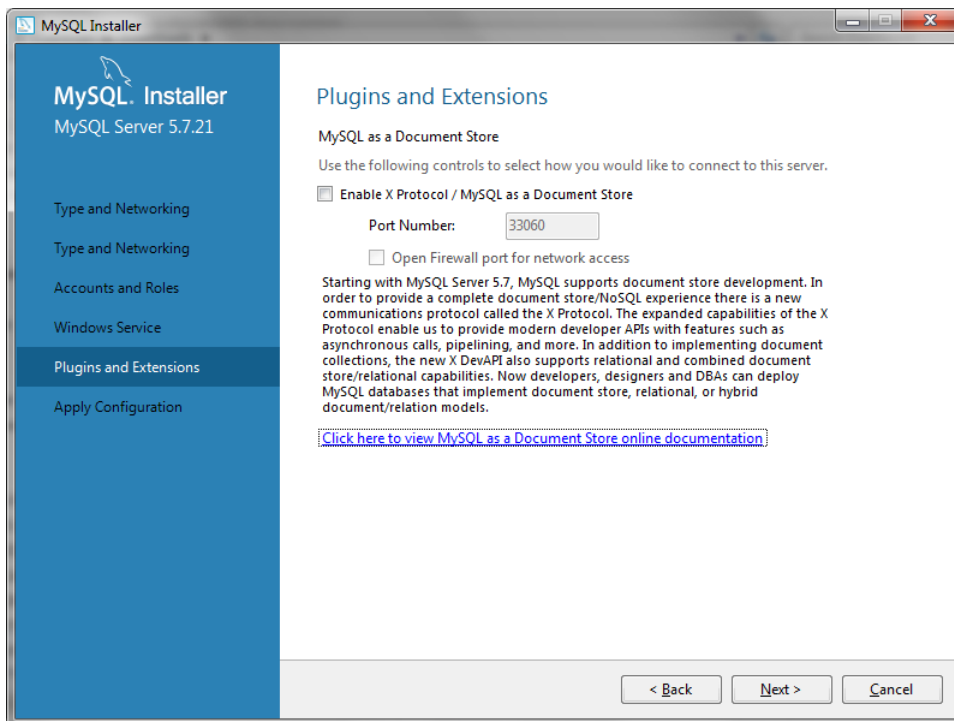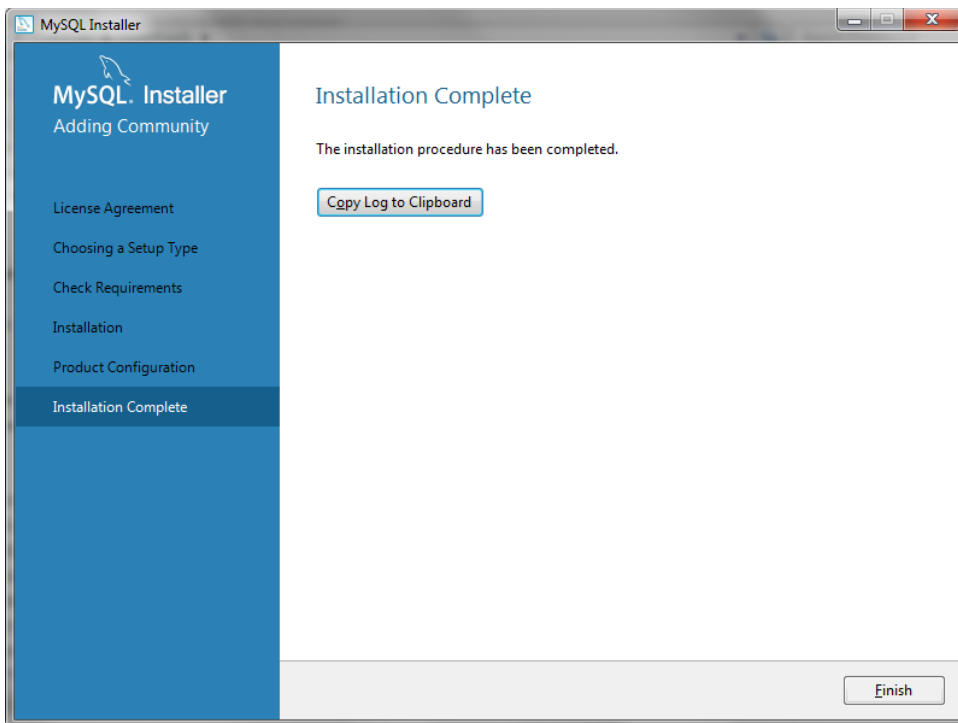
Click [Execute] to apply the configuration.

Click [Finish].

Configuration is complete.
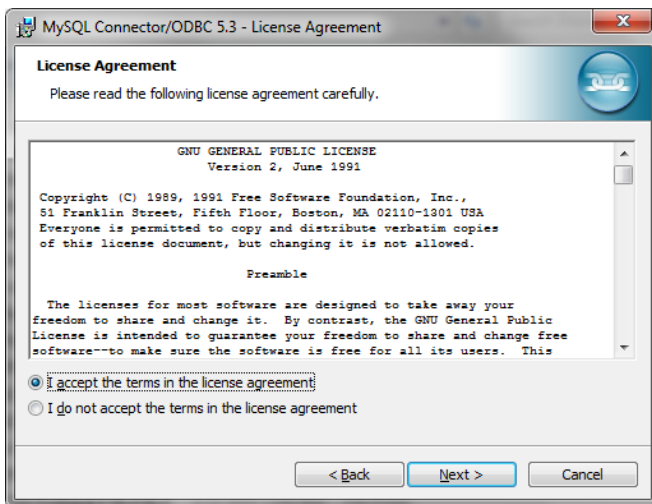Click [Next].

Click [Finish].

Install the MySQL ODBC Connector

Start the `mysql-connector-odbc` installer.
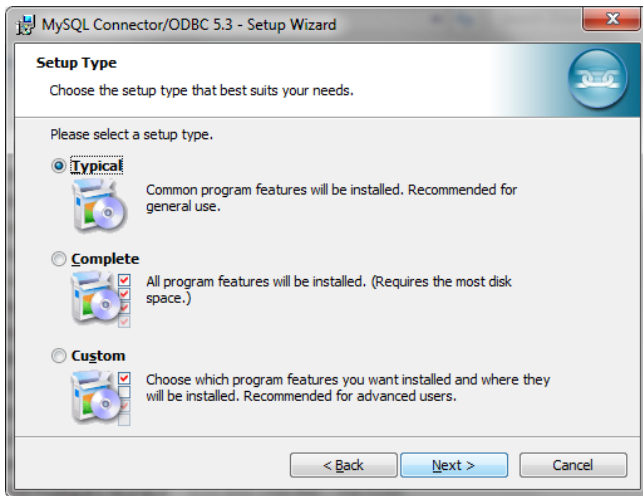
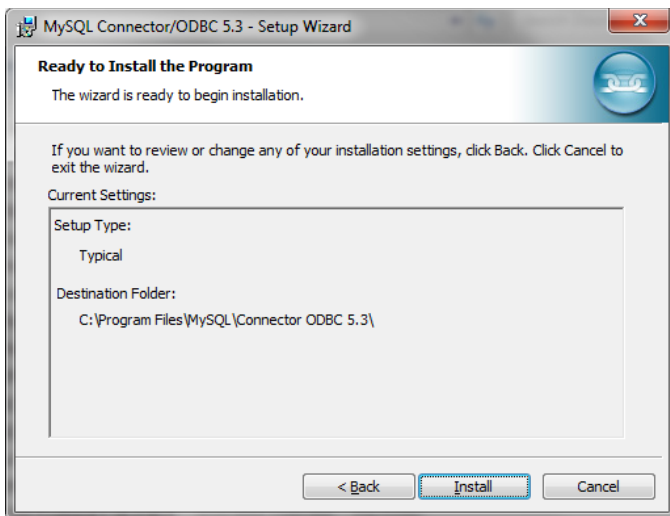Click [Next].

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

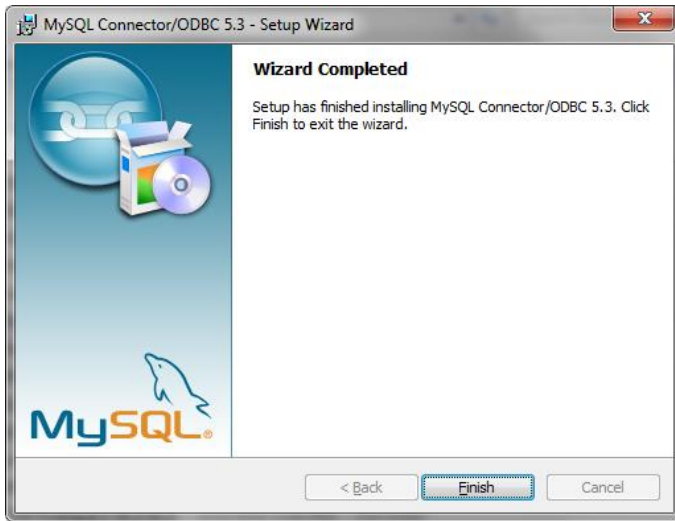"Typical" is selected by default.
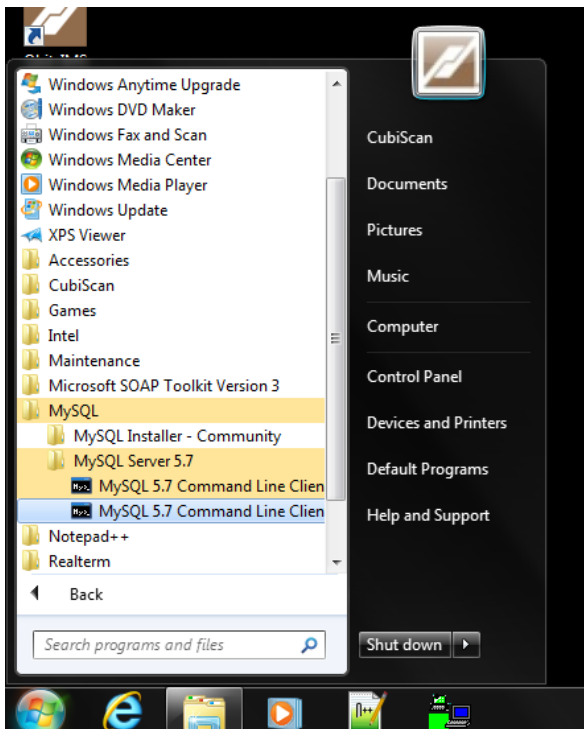Click [Next].

Click [Install].

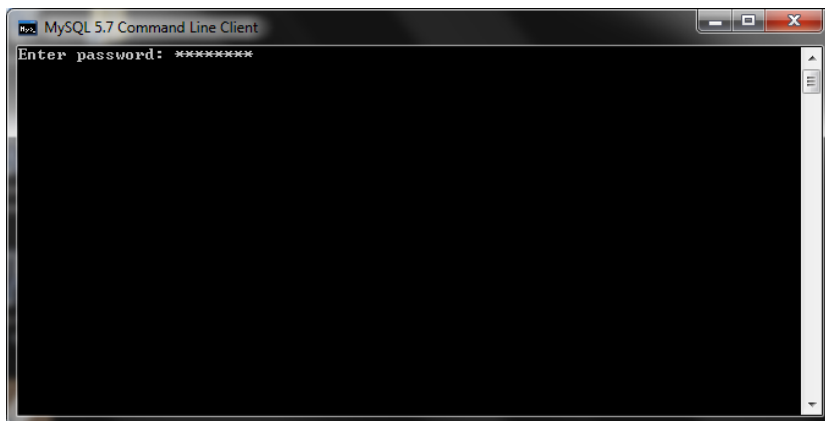When installation is finished, click [Finish].
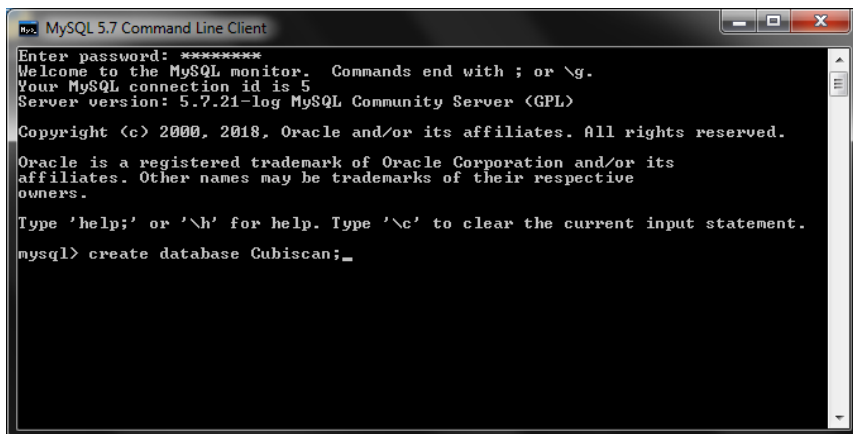

Configure MySQL Server

Start the MySQL 5.7 Command Line Client. (There are two flavors; either one will work.)
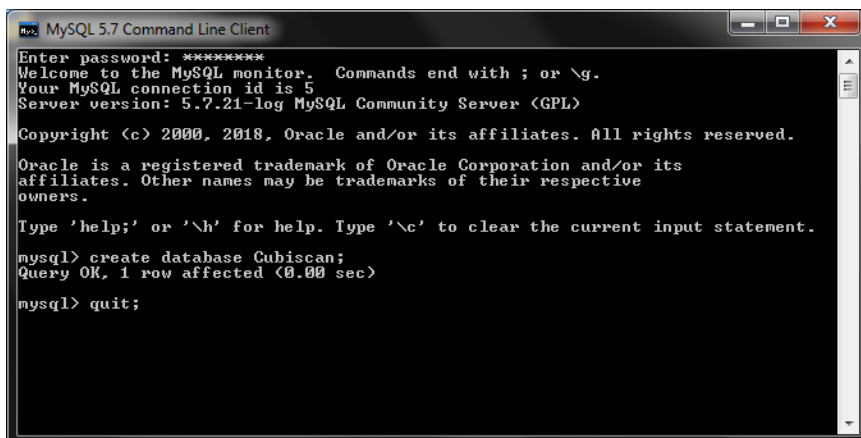
Enter the root password: `dodoroot`

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.