

Setting up MySQL 4.0.x for Workbench

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1. Scope

This document describes how to setup MySQL datastore for Workbench.

Note:

Workbench has been tested against the following STANDARD binary distributions:
 version 4.0.18 on the following platforms:
 RedHat Linux 7.2 Kernel v2.4.20 (mysql-standard-4.0.18-pc-linux-i686.tar.gz)
 Mac OS X kernel v7.2.0 (mysql-standard-4.0.18-apple-darwin6.8-powerpc.tar.gz)
 Microsoft Windows XP/Server 2003/Windows 2000 (mysql-4.0.24-win.zip installed as a windows service)

2. Obtain, Install the Software, and start the MySQL Server

Refer to <http://www.mysql.com> site for details in regards to the use of and instructions for downloading and installing the software, and starting the server.

Warning:

Workbench maintains a persistent connection to the MySQL database. Depending on the combination of the O/S and version of MySQL, this persistent connection may terminate if workbench has been idle for a duration greater than the MySQL **wait_timeout** global variable. This variable is set to 8 hours by default (28800 seconds). Please refer to MySQL documentation in increasing this value to a reasonable duration if the persistent connection does terminate. ControlTier recommends 604800 seconds as a reasonable default.

3. Set the user environment

Define the MYSQL_HOME and PATH environment variables. for unix:

```
MYSQL_HOME=<MYSQL_HOME>
export MYSQL_HOME

PATH=$MYSQL_HOME/bin:$PATH
export PATH
```

for win32:

```
set MYSQL_HOME=<MYSQL_HOME>

set PATH=%MYSQL_HOME%\bin;%PATH%
```

Note:

Replace <MYSQL_HOME> with the path to to the mysql software installation.

4. Configure the database instance for Workbench Server access

Run the mysql client as the root database user

```
mysql -p -u root  
(enter c/r for password)
```

Run the following SQL statements after the mysql prompt:

```
GRANT ALL ON WorkbenchDB.* TO 'ctier'@'localhost' IDENTIFIED BY  
'<CtierPassword>';  
GRANT ALL ON WorkbenchDB.* TO 'ctier'@'<WorkbenchHost>' IDENTIFIED BY  
'<CtierPassword>';  
exit
```

Note:

Replace <CtierPassword> with the desired password for the mysql ctier user. Replace <WorkbenchHost> with the hostname of the machine running the Workbench Server. Access to the mysql database server as root may require special privileges granted by your database administrator.

5. Create the WorkbenchDB database

```
mysql -p -u ctier  
(enter password for ctier user)  
  
create database WorkbenchDB;  
exit
```