

# Chemovenetory v2.0

## Part-II Web based software - Installation Notes

### Mysql Installation

Precompiled Mysql for many operating systems are available. You should download and install. <http://dev.mysql.com/doc/mysql/en/Linux-RPM.html>

For windows, use mysql with installer. After installation start the mysql services.

### Windows installation

To install MySQL on Windows using a binary distribution, follow this procedure:

1. If you are working on a Windows NT, 2000, or XP machine, make sure that you have logged in as a user with administrator privileges.
2. Unzip the distribution file to a temporary directory.
3. Run the setup.exe program to begin the installation process
4. Finish the install process.

Note that if you are using an old Windows 95 release (for example, OSR2), it's likely that you have an old Winsock package; MySQL requires Winsock 2!

### Testing and configuring Mysql (both unix and windows)

Once installation is complete use command line mode to test mysql. For windows go to the directory `c:/mysql/bin` and for unix

Before testing, make sure to restart the service mysql under start → windows → settings → Control Panel → Administrative Tools → Services

Use this command to see something

```
C:\> C:\mysql\bin\mysql
```

When the server finishes its startup sequence, you should see something like this, which indicates that the server is ready to service client connections:

```
C:\mysql\bin>mysql
```

```
Welcome to the MySQL monitor. Commands end with ; or \g. Your MySQL connection id is 4 to server version: 4.1.3b-beta-nt
```

```
Type 'help;' or '\h' for help. Type '\c' to clear the buffer.
```

The accounts that are listed in the MySQL grant tables by default have no passwords.

After starting the server, you should set up passwords for them

To get MySQL to work with TCP/IP on Windows NT 4, you must install service pack 3 (or newer).

Before installing MySQL as a Windows service, you should first stop the current server if it is running by using the following command:

```
C:\> C:\mysql\bin\mysqladmin -u root shutdown
```

Now install the server as a service:

```
C:\mysql\bin> mysqld --install or mysql-nt --install
```

To remove a server that is installed as a service, first stop it if it is running. Then use the -remove option to remove it:

```
C:\> C:\mysql\bin\mysqld --remove
```

Some of the more common error messages you may encounter when installing MySQL and starting the server for the first time:

System error 1067 has occurred.

Fatal error: Can't open privilege tables: Table 'mysql.host' doesn't exist

These messages occur when the MySQL server cannot find the mysql privileges database (under "c:/mysql/data/mysql/" ) or my.ini file not located under Windows directory, typically located at 'C:\WinNT' or 'C:\WINDOWS'.

You can test whether the MySQL server is working by executing any of the following commands:

```
C:\> C:\mysql\bin\mysqlshow
```

```
C:\> C:\mysql\bin\mysqlshow -u root mysql
```

```
C:\> C:\mysql\bin\mysqladmin version status proc
```

```
C:\> C:\mysql\bin\mysql test
```

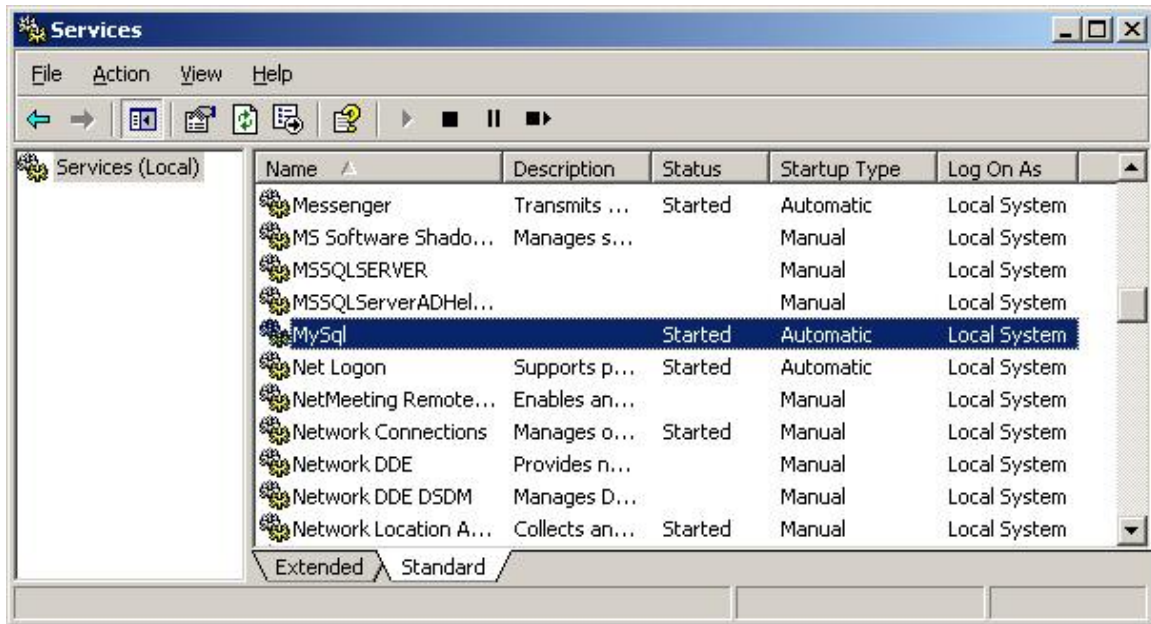
Password may be assigned from the command line by using the mysqladmin command:

```
C:/mysql/bin>mysqladmin -u root -h localhost password 'yourpassword'
```

Alternatively

```
C:/mysql/bin>mysql -u root;
```

```
C:/mysql/bin>SET PASSWORD FOR 'root'@'localhost' = PASSWORD ('yourpassword');
```

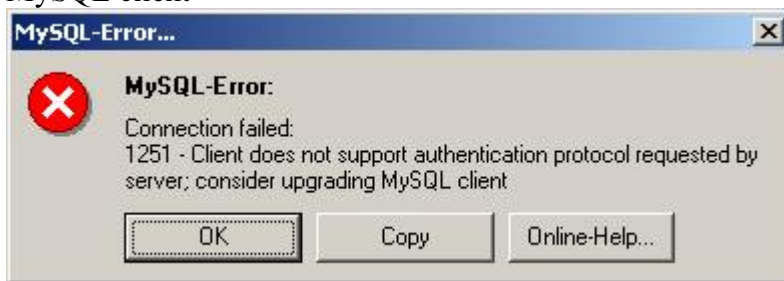


Make sure it is automatically started on booting the system.

Now the user root do not have password. First and prior most is assign a password.

```
C:/mysql/bin >GRANT usage ON *.* TO 'root' IDENTIFIED BY 'yourpassword';
```

From mysql client application, if you get error message like "Client does not support authentication protocol requested by server. Consider upgrading MySQL client"



Run this sql from command line or utility program

```
C:/mysql/bin>mysql -u root -p
```

```
C:/mysql/bin>use mysql;
```

```
C:/mysql/bin>UPDATE mysql.user SET Password =  
OLD_PASSWORD('admin_password') WHERE Host = 'localhost' AND User = 'root';
```

```
C:/mysql/bin>UPDATE mysql.user SET Password =  
OLD_PASSWORD('admin_password') WHERE Host = '%' AND User = 'root';
```

And all other users follow the same

```
C:/mysql/bin>UPDATE mysql.user SET Password =
```

```
OLD_PASSWORD('your_password') WHERE Host = 'localhost' AND User =
'your_user';
C:/mysql/bin> UPDATE mysql.user SET Password =
OLD_PASSWORD('your_password') WHERE Host = '%' AND User = 'your_user';
C:/mysql/bin> FLUSH PRIVILEGES;
```

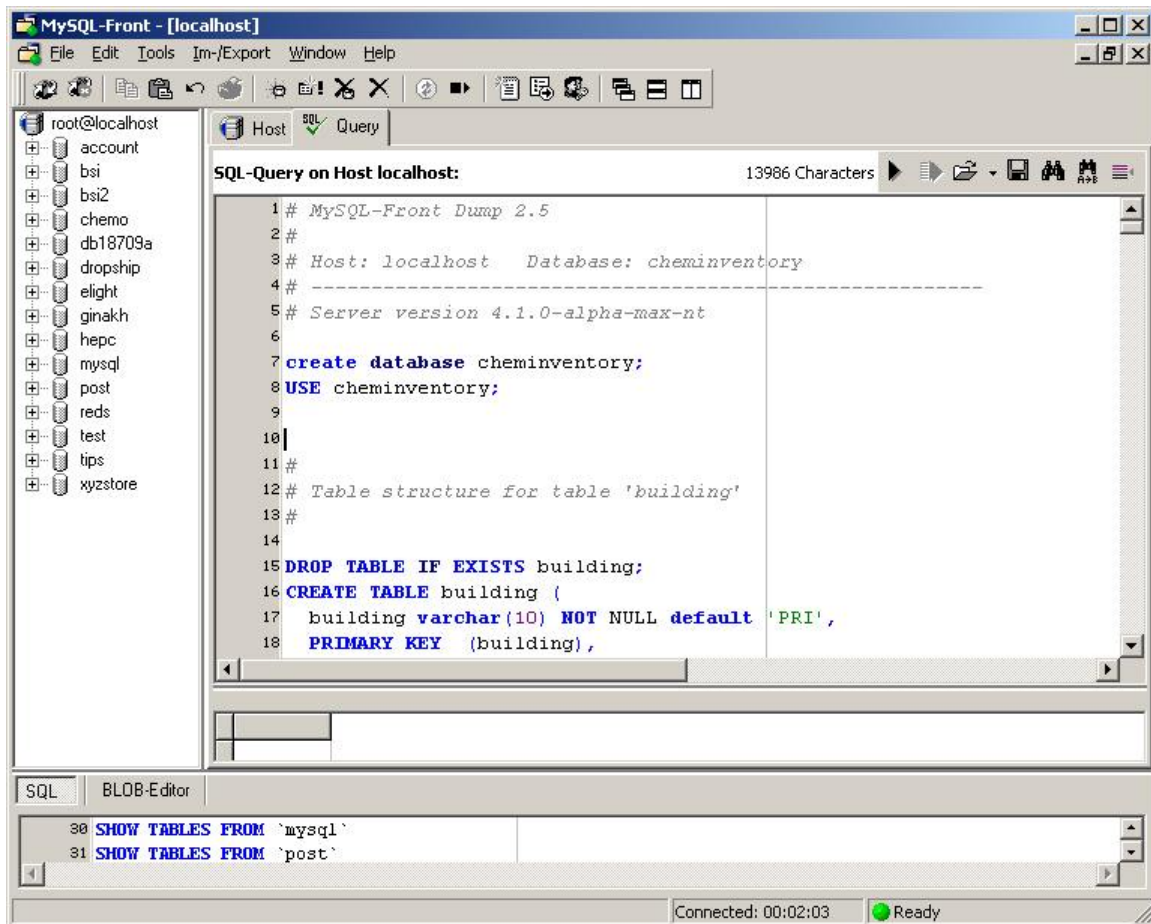
Once you have settled in users now time to create chemoventory table log into mysql as command mode

```
# mysql -e source c:/chemoventory/test/chemoventory.sql          or
# mysql source c:/chemoventory/test/chemoventory.sql
```

Similarly do for the data part of sql script.

Note: Recently we have divided sql scripts in to two scripts. One for data and other for tables

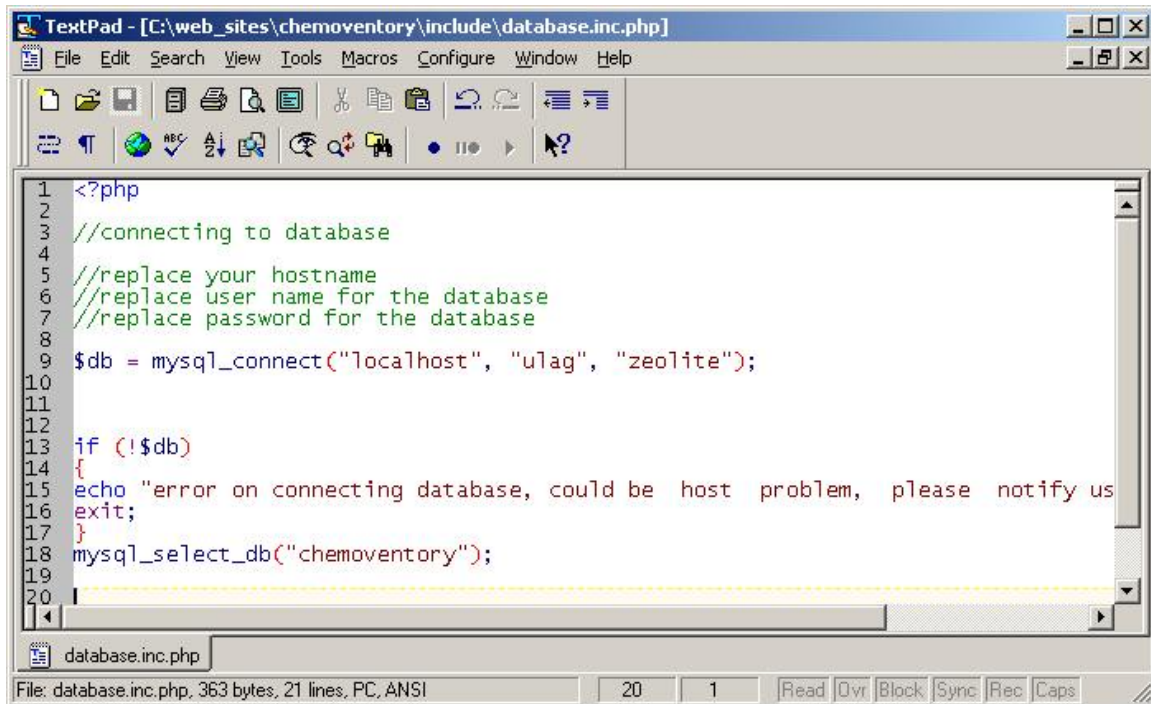
If you have GUI, just copy chemoventory.sql file and create chemoventory database and tables by executing the following scripts located under test directory chemoventory.sql



Edit the file

/chemoventory/include/database.inc.php to replace your password and user name

And if mysql and web server were installed in different machine, then replace localhost with machine IP address or by hostname



```
1 <?php
2
3 //connecting to database
4
5 //replace your hostname
6 //replace user name for the database
7 //replace password for the database
8
9 $db = mysql_connect("localhost", "ulag", "zeolite");
10
11
12
13 if (!$db)
14 {
15     echo "error on connecting database, could be host problem, please notify us";
16     exit;
17 }
18 mysql_select_db("chemoventory");
19
20
```

database.inc.php

File: database.inc.php, 363 bytes, 21 lines, PC, ANSI

To test mysql use the following URL or appropriate one

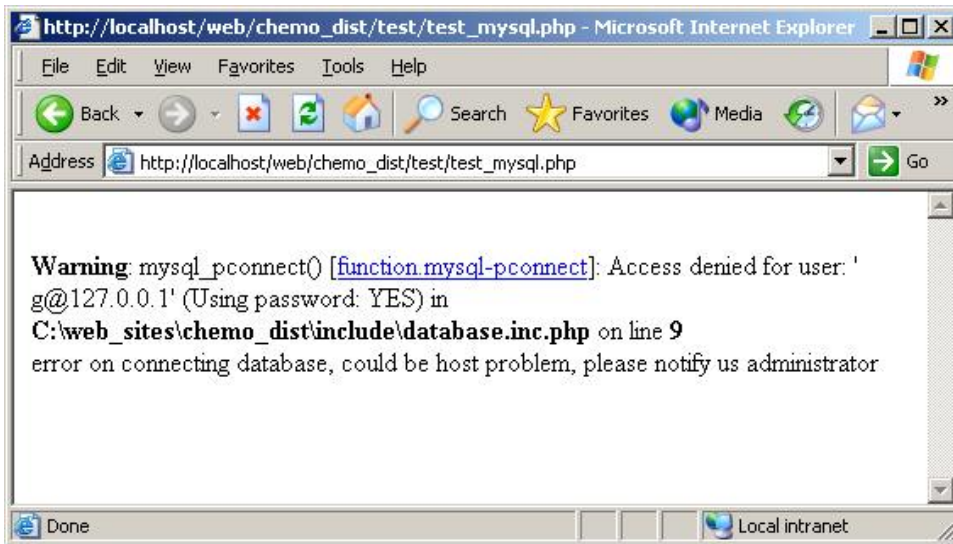
[http://localhost/chemoventory/test/test\\_mysql.php](http://localhost/chemoventory/test/test_mysql.php)

You should see the list of databases

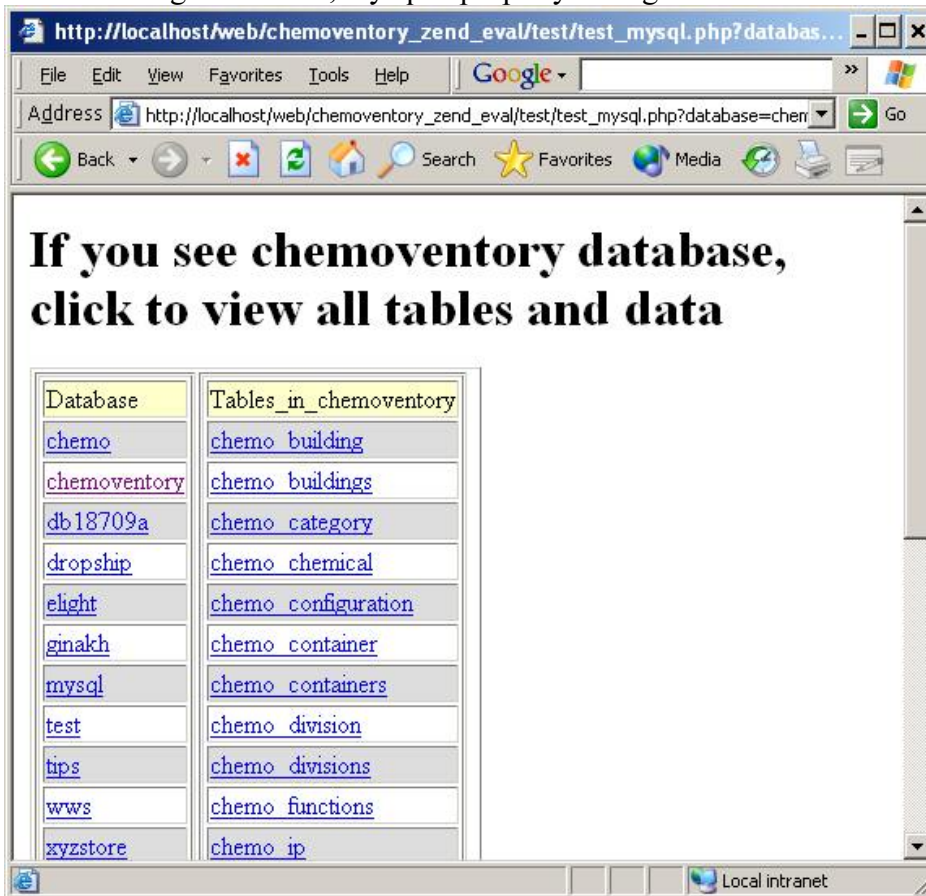
Click on chemoventory to see the tables and click the tables to get all the information stored in that table.

If you see something like this, then mysql is not configured properly.





The following one shows, mysql is properly configured.



**To report mysql/php installation error, please run the following and attach results or screen shots:**

Windows or unix Command line enter

```
C:/mysql/bin> mysql
```

To check mysql is running in unix

```
#ps -aux | grep mysql
```

```
c:/mysql/bin>mysqlshow
```

to show databases available

```
c:/mysql/bin>mysql -u -root -p
```

enter password

```
c:/mysql/bin>use mysql;
```

```
c:/mysql/bin>show tables;
```

```
c:/mysql/bin>select * from user;
```

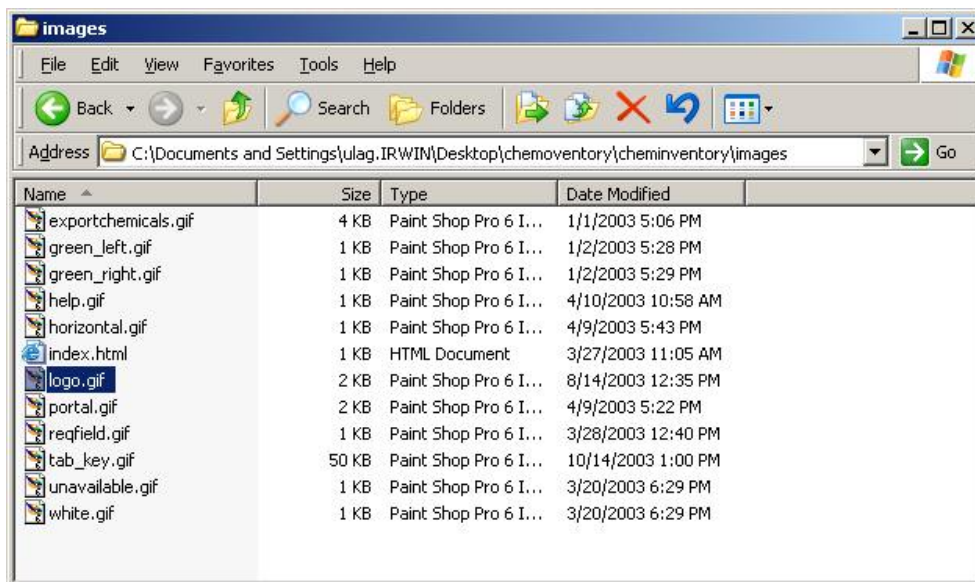
## Other configurations

For unix/linux servers give full permission (rwx) for the directory  
/upload and /msds

Logo may be replaced

With your own logo.gif file with size approximately 110x60 px  
/images/logo.gif

## Your Logo



If you are done with this, you may want to configure chemoventory admin section. Read admin manual.

If you want to create your own chemicalID or container #, you have to replace some of the files in the chemoventory with chemoventory/barcode files. And recreate the database with sql scripts provided there

Any questions can be addressed to [admin@chemolink.com](mailto:admin@chemolink.com)

We will be happy to assist your installation. Please drop email note, if you are happy about the software.

PHP- Installation links

[http://hotwired.lycos.com/webmonkey/templates/print\\_template.html?meta=/webmonkey/00/44/index4a\\_meta.html](http://hotwired.lycos.com/webmonkey/templates/print_template.html?meta=/webmonkey/00/44/index4a_meta.html)

PHP configuration

<http://www.thesitewizard.com/archive/php4install.shtml>

<http://builder.com.com/5100-6371-1045471-2.html> (Unix sendmail)

mysql –installation

<http://www.mysql.com/doc/en/Installing.html>

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