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## Using MySQL

### 1. Check the [MySQL Help Pages](#).

### 2. MySQL Accounts

MySQL accounts and Unix accounts are different. Apply for a MySQL according to [MySQL Database](#).

### 3. The [mysqldev.aero.und.edu](#) Server

The MySQL 5.1.73-standard is running on the server [mysqldev.aero.und.edu](#) (port 3306). Direct login to this machine is not enabled.

### 4. Using (i) MySQL Workbench or (ii) MySQL Text Interface to Manage Databases

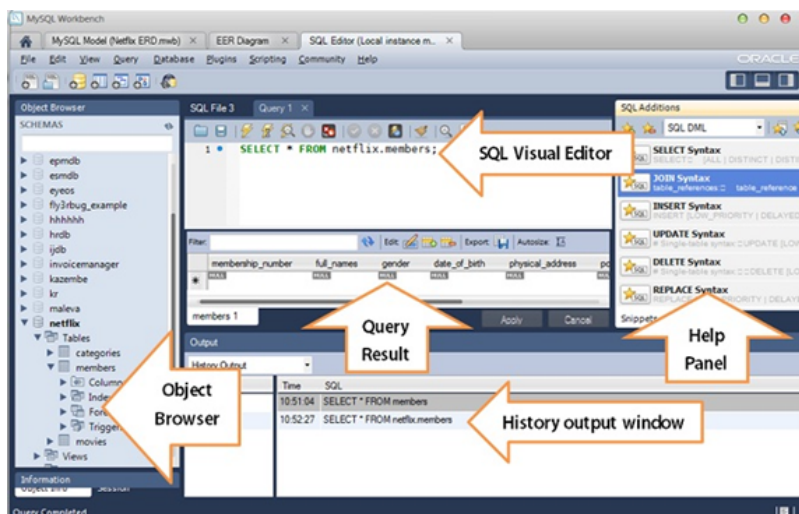
#### *Using MySQL Workbench*

#### i. Downloading and installing [MySQL Workbench](#) at [Download MySQL Workbench](#)

Note that the current version (6.3.8) does not work for the instructor, so an old version [MySQL Workbench 5.2.44](#) is used with the following connection parameters:

- Connection Method: Standard (TCP/IP),
- Hostname: [mysqldev.aero.und.edu](#),
- Port: 3306, and
- Username: your MySQL account ID.

#### ii. Starting [Using MySQL Workbench](#)



## Using MySQL Text Interface

- i. *Connecting to MySQL from the MySQL client of the Unix server such as shell.cs.und.edu*

Use the following command:

```
shell> mysql -h mysqldev.aero.und.edu -u userid -p
Enter password:
```

- ii. *Logging into MySQL*

Now you can start MySQL applications.

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 20
Server version: 5.1.73 Source distribution
```

```
Type 'help;' or '\h' for help. Type '\c' to clear the current
input statement.
```

```
mysql>
```

You can change your password by using the following command:

```
mysql> set password = old_password("pwpwpwpw");
Query OK, 0 rows affected (0.01 sec)
```

where pwpwpwpw is whatever new password you want.

- iii. *Selecting the default database*

There may have several databases already created in MySQL. To select the default database, use the following command, for example,

```
mysql> use wenchen;
Database changed
```

where the wenchen is the database name assigned to the instructor. The MySQL DBA will create another database for you.

- iv. *Exiting from MySQL*

```
mysql> exit;
Bye

shell>
```

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