

MySQL Linux Setup

To access MySQL database server a user account is required with permissions to gain access. The database uses special tables to control access and requires a couple configuration commands as described in the following to load the default data set provided. Keep in mind that the Linux root account is not the same with regards to MySQL root account, they are totally separate.

To setup a MySQL user for the first time, a root account is typically created via the “mysqladmin” command. After the creation of the root account it will be used to add user accounts to the database as described in the following steps.

```
~# mysqladmin -u root password lssdb
```

After the creation of the root account, log into the database:

```
~# mysql -u root -p
```

After creating the user account and logging in with the 'mysql>' prompt, enter the following command:

```
~# mysql> CREATE DATABASE lssdb;
```

With root logged in, create a user for the database “lssdb.*” to user “[lssdb@localhost](#)” with a password of “lssdb” in the GRANT command. To create an lssdb user with database access set, the enter following command:

```
~# mysql> GRANT ALL ON lssdb.* TO lssdb@localhost IDENTIFIED BY 'lssdb';
```

The password and user name are stored in the LSS Web site's include folder. The config.php file contains the definitions to access the database and will need to match MySQL user settings. As shown below the section of php code that defines database access:

```
$DB_HOST = '127.0.0.1';  
$DB_USER = 'lssdb';  
$DB_PASS = 'lssdb';  
$DB_NAME = 'lssdb';
```

Before running the web application the database must be loaded with a set of tables that contains configuration information. This done by importing a default database using the following command at the shell prompt:

```
~# mysql -u lssdb -p lssdb < lssdb_default_150612.sql
```

To confirm that the database is loaded log into MySQL and select the database by entering the following command:

```
~# mysql> USE lssdb;
```

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With the selected database enter the following command and it will show you the database tables.

```
~# mysql> SHOW TABLES;
```

```
+-----+
| Tables_in_issdb |
+-----+
| RawData          |
| groups           |
| mailsettings     |
| notificationadmin |
| notifications    |
| theatergroups   |
| usergroups       |
| users            |
+-----+
8 rows in set (0.00 sec)
```