Installing MySQL on Linux

==**There are many ways to install MySQL on various operating systems, you can use anyone as per your own comfort.**==

Step 1: Update and then upgrade repository index first.

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$ sudo apt-get update
$ sudo apt upgrade
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Step 2: Install MySQL Server with apt

$ sudo apt-get install mysql-server

Step 3: Verify installation

$ mysql –version

Step 4: Make security configurations by running the included security script

$ sudo mysql_secure_installation

Enter Y to run the Validate Password Plugin and you will get the following prompt:

> Password validation policy level

Enter your number of choice for password strength and press Enter. The system will then ask you to set new password of root. Enter and then re-enter the password on the following prompts.

> Set MySQL root password

In the next step the system will display the strength of the password you just entered and also ask you if you want to continue with the password.

Password strength

Enter Y for Yes and hit Enter.

The system will now show you with a series of questions, one by one, and you can set the security of your system depending on your answers to these questions.

Series of questions:

The **first question** will ask you if you want to remove the anonymous test users.

Remove anonymous user

Press y and hit Enter.

The **second question** will ask if you want to disallow root login from a remote system. This is your choice.

We recommend entering y.

The **third question** will ask you if you want to remove the default MySQL database named "test" from your system and also remove the access to it.

To remove this 'test' database enter y.

For all your above-configured changes to take effect, the system needs to reload the privilege tables.

Enter y and all your security changes will be committed.

Now you can use the MySQL after entering below command.

$ sudo mysql -u root

For creation of tables and insertion of data in database please refer " Tennis_Database_Creation" file. Follow the the self explanatory screenshots in the given order and create the database.

Please do not modify the database after it's complete creation, use queries only for data fetching.