

MySQL

Creating/Deleting a Database

- Method

```
$ su -
```

```
$ mysqladmin create databasename
```

```
$ mysqladmin delete databasename
```

- Method

```
$ mysql -u root
```

```
mysql> create database name;
```

```
mysql> drop database name;
```

Granting Permissions/Creating Users

- Login as root

```
$ mysql -u root
```

- Grant permissions to database user. If database user does not exist, user is created

```
mysql> grant all privileges on  
databasename.* to  
'user'@'localhost' identified by  
'password';
```

Using mysql client

- Accessing the database

```
$ mysql -u username -p password
```

- To view the databases available

```
mysql> show databases;
```

- To change to a database

```
mysql> use databasename;
```

- To view the tables in a database

```
mysql> show tables;
```

References

- For mysql syntax and documentation

<http://www.mysql.com>

- Administration

```
$ man mysqladmin
```

- Granting access and viewing user permissions

```
$ man mysqlaccess
```

Generating Documentation using Doxygen

- Generate *config* file

```
$ doxygen -s -g configFilename
```

- Edit OUTPUT_DIRECTORY, INPUT parameters in the config file

- Generate documentation

```
$ doxygen configFilename
```

- You can use doxywizard for a GUI to edit the configfile