

MySQL - Create Database

Create Database Using mysqladmin

You would need special privileges to create or to delete a MySQL database. So assuming you have access to the root user, you can create any database using the mysql **mysqladmin** binary.

Example

Here is a simple example to create a database called **TUTORIALS** –

```
[root@host]# mysqladmin -u root -p create TUTORIALS
Enter password: *****
```

This will create a MySQL database called TUTORIALS.

Create a Database using PHP Script

PHP uses **mysqli_query()** or **mysql_query()** function to create or delete a MySQL database. This function takes two parameters and returns TRUE on success or FALSE on failure.

Syntax

```
$mysqli->query($sql, $resultmode)
```

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Parameter & Description

1	\$sql Required - SQL query to create a MySQL database.
2	\$resultmode Optional - Either the constant MYSQLI_USE_RESULT or MYSQLI_STORE_RESULT depending on the desired behavior. By default, MYSQLI_STORE_RESULT is used.

Example

Try the following example to create a database –

Copy and paste the following example as `mysql_example.php` –

```
<html>
  <head><title>Creating MySQL Database</title></head>
  <body>
    <?php
      $dbhost = 'localhost';
      $dbuser = 'root';
      $dbpass = 'root@123';
      $mysqli = new mysqli($dbhost, $dbuser, $dbpass);

      if($mysqli->connect_errno ) {
        printf("Connect failed: %s<br />", $mysqli->connect_error);
        exit();
      }
      printf('Connected successfully.<br />');

      if ($mysqli->query("CREATE DATABASE TUTORIALS")) {
        printf("Database TUTORIALS created successfully.<br />");
      }
      if ($mysqli->errno) {
        printf("Could not create database: %s<br />", $mysqli->error);
      }
      $mysqli->close();
    ?>
  </body>
</html>
```

Output

Access the `mysql_example.php` deployed on apache web server and verify the output.

```
Connected successfully.
Database TUTORIALS created successfully.
```

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