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PHP MySQL Create Database



In this tutorial you will learn how to create a database in MySQL using PHP.

Creating MySQL Database Using PHP

Now that you've understood how to open a connection to the MySQL database server. In this tutorial you will learn how to execute SQL query to create a database.

Before saving or accessing the data, we need to create a database first. The **CREATE DATABASE** statement is used to create a new database in MySQL.

Let's make a SQL query using the **CREATE DATABASE** statement, after that we will execute this SQL query through passing it to the PHP `mysqli_query()` function to finally create our database. The following example creates a database named *demo*.

Example

Procedural

Object Oriented

PDO

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```
1  <?php
2  /* Attempt MySQL server connection. Assuming you are running MySQL
3  server with default setting (user 'root' with no password) */
4  $link = mysqli_connect("localhost", "root", "");
5
6  // Check connection
7  if($link === false){
8      die("ERROR: Could not connect. " . mysqli_connect_error());
9  }
10
11 // Attempt create database query execution
12 $sql = "CREATE DATABASE demo";
13 if(mysqli_query($link, $sql)){
14     echo "Database created successfully";
15 } else{
16     echo "ERROR: Could not able to execute $sql. " . mysqli_error($link);
17 }
18
19 // Close connection
20 mysqli_close($link);
21 ?>
```



Tip: Setting the PDO::ATTR_ERRMODE attribute to PDO::ERRMODE_EXCEPTION tells PDO to throw exceptions whenever a database error occurs.

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