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 DATABASEstatement 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	Download

```php
<?php
/* Attempt MySQL server connection. Assuming you are running MySQL
server with default setting (user 'root' with no password) */
$link = mysqli_connect("localhost", "root", "");

// Check connection
if($link === false){
    die("ERROR: Could not connect. " . mysqli_connect_error());
}

// Attempt create database query execution
$sql = "CREATE DATABASE demo";
if(mysqli_query($link, $sql)){
    echo "Database created successfully";
} else{
    echo "ERROR: Could not able to execute $sql. " .
mysqli_error($link);
}

// Close connection
mysqli_close($link);
?>
```

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