PHP MySQL Delete Data

## **Delete Data From a MySQL Table Using MySQLi and PDO**

The DELETE statement is used to delete records from a table:

DELETE FROM table\_name  
WHERE some\_column = some\_value

**Notice the WHERE clause in the DELETE syntax:** The WHERE clause specifies which record or records that should be deleted. If you omit the WHERE clause, all records will be deleted!

To learn more about SQL, please visit our [SQL tutorial](https://www.w3schools.com/sql/default.asp).

Let's look at the "MyGuests" table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **id** | **firstname** | **lastname** | **email** | **reg\_date** |
| 1 | John | Doe | john@example.com | 2014-10-22 14:26:15 |
| 2 | Mary | Moe | mary@example.com | 2014-10-23 10:22:30 |
| 3 | Julie | Dooley | julie@example.com | 2014-10-26 10:48:23 |

The following examples delete the record with id=3 in the "MyGuests" table:

### **Example (MySQLi Object-oriented)**

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
  die("Connection failed: " . $conn->connect\_error);  
}  
  
// sql to delete a record  
$sql = "DELETE FROM MyGuests WHERE id=3";  
  
if ($conn->query($sql) === TRUE) {  
  echo "Record deleted successfully";  
} else {  
  echo "Error deleting record: " . $conn->error;  
}  
  
$conn->close();  
?>

### **Example (MySQLi Procedural)**

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = mysqli\_connect($servername, $username, $password, $dbname);  
// Check connection  
if (!$conn) {  
  die("Connection failed: " . mysqli\_connect\_error());  
}  
  
// sql to delete a record  
$sql = "DELETE FROM MyGuests WHERE id=3";  
  
if (mysqli\_query($conn, $sql)) {  
  echo "Record deleted successfully";  
} else {  
  echo "Error deleting record: " . mysqli\_error($conn);  
}  
  
mysqli\_close($conn);  
?>

### **Example (PDO)**

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDBPDO";  
  
try {  
  $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);  
  // set the PDO error mode to exception  
  $conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);  
  
  // sql to delete a record  
  $sql = "DELETE FROM MyGuests WHERE id=3";  
  
  // use exec() because no results are returned  
  $conn->exec($sql);  
  echo "Record deleted successfully";  
} catch(PDOException $e) {  
  echo $sql . "<br>" . $e->getMessage();  
}  
  
$conn = null;  
?>

After the record is deleted, the table will look like this:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **id** | **firstname** | **lastname** | **email** | **reg\_date** |
| 1 | John | Doe | john@example.com | 2014-10-22 14:26:15 |
| 2 | Mary | Moe | mary@example.com | 2014-10-23 10:22:30 |