



10. Acceso a Datos en PHP

1º DAW - Programación
David Soler Talens



Conexión (mysqli)

```
1  <?php
2  $servername = "localhost";
3  $username = "username";
4  $password = "password";
5
6  // Create connection
7  $conn = new mysqli($servername, $username, $password);
8
9  // Check connection
10 if ($conn->connect_error) {
11     die("Connection failed: " . $conn->connect_error);
12 }
13 echo "Connected successfully";
14 ?>
```



Conexión (PDO)

```
1  <?php
2  $servername = "localhost";
3  $username = "username";
4  $password = "password";
5
6  try {
7      $conn = new PDO("mysql:host=$servername;dbname=myDB", $username,
8                      $password);
9      // set the PDO error mode to exception
10     $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
11     echo "Connected successfully";
12 }
13 catch(PDOException $e)
14 {
15     echo "Connection failed: " . $e->getMessage();
16 }
17 ?>
```



SELECT (Mysqli)

```
1  <?php
2
3  $sql = "SELECT id, firstname, lastname FROM MyGuests";
4  $result = $conn->query($sql);
5
6  if ($result->num_rows > 0) {
7      // output data of each row
8      while($row = $result->fetch_assoc()) {
9          echo "id: " . $row["id"]. " - Name: " . $row
10             ["firstname"]. " " . $row["lastname"]. "<br>";
11      }
12  } else {
13      echo "0 results";
14  }
15  $conn->close();
16  ?>
```



SELECT (PDO)

```
1  <?php
2
3  $sql = "SELECT id, firstname, lastname FROM MyGuests";
4
5  //Opción 1
6  foreach ($conn->query($sql) as $row) {
7      echo "id: " . $row["id"]. " - Name: " . $row
8          ["firstname"]. " " . $row["lastname"]. "<br>";
9  }
10
11 //Opción 2
12 $stmt = $pdo->query("SELECT id, firstname, lastname FROM
13 MyGuests");
14 while ($row = $stmt->fetch()) {
15     echo "id: " . $row["id"]. " - Name: " . $row
16         ["firstname"]. " " . $row["lastname"]. "<br>";
17 }
```



INSERT/DELETE/UPDATE (Mysqli)

```
1  <?php
2  $sql = "DELETE FROM MyGuests WHERE id=3";
3  $conn->query($sql);
4  ?>
5
6  <?php
7  $sql = "DELETE FROM MyGuests WHERE id=3";
8  $conn->query($sql);
9  ?>
10
11 <?php
12 $sql = "UPDATE MyGuests SET lastname='Doe' WHERE id=2";
13 $conn->query($sql)
14 ?>
```



INSERT/DELETE/UPDATE(PDO)

```
1  <?php
2  $sql = "DELETE FROM MyGuests WHERE id=3";
3  // use exec() because no results are returned
4  $conn->exec($sql);
5  ?>
6
7  <?php
8  $sql = "DELETE FROM MyGuests WHERE id=3";
9  // use exec() because no results are returned
10 $conn->exec($sql);
11 ?>
12
13 <?php
14 $sql = "UPDATE MyGuests SET lastname='Doe' WHERE id=2";
15 // use exec() because no results are returned
16 $conn->exec($sql);
17 ?>
```

PREPARED STATEMENTS (Mysqli)



```
1  <?php
2  $stmt = $conn->prepare("INSERT INTO MyGuests (firstname,
3  lastname, email) VALUES (?, ?, ?)");
4
5  // set parameters and execute
6  $firstname = "John";
7  $lastname = "Doe";
8  $email = "john@example.com";
9  $stmt->execute();
10 ?>
```




PREPARED STATEMENTS (PDO)

```
1  <?php
2  $stmt = $conn->prepare("INSERT INTO MyGuests (firstname,
    lastname, email) VALUES (:firstname, :lastname, :email)");
3      $stmt->bindParam(':firstname', $firstname);
4      $stmt->bindParam(':lastname', $lastname);
5      $stmt->bindParam(':email', $email);
6
7      // insert a row
8      $firstname = "John";
9      $lastname = "Doe";
10     $email = "john@example.com";
11     $stmt->execute();
12  ?>
```