

PHP

Trabajar con BDs

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Sentencias
SLQ básicas

INSERT INTO \$table (\$fields) VALUES
(\$placeholders);

UPDATE Tabla SET \$valores WHERE \$campos;

DELETE FROM \$tabla WHERE
\$condicion;

SELECT * FROM \$tabla;

"show databases"
"show tables from \$bd"

MYSQLI

Instrucción

Conexión
.....

```
$mysqli = new mysqli("localhost", "usuario",  
"contraseña", "basedatos");
```

Verificación
.....

```
if ($mysqli->connect_errno) {  
    echo "Fallo al conectar a MySQL: (" . $mysqli-  
>connect_errno . ") " . $mysqli->connect_error;  
}
```

Select
.....

```
$sql = "SELECT id, firstname, lastname FROM MyGuests";  
$result = $conn->query($sql);  
if ($result->num_rows > 0) {  
    while($row = $result->fetch_assoc()) {  
        echo "id: " . $row["id"]. " - Name: " . $row["firstname"]. "  
" . $row["lastname"]. "<br>";  
    }  
} else {  
    echo "0 results";  
}  
$conn->close();
```

I/D/U
.....

```
$sql = "INSERT INTO MyGuests (firstname, lastname,  
email)  
VALUES ('John', 'Doe', 'john@example.com')";  
if ($conn->query($sql) === TRUE) {  
    echo "New record created successfully";  
} else {  
    echo "Error: " . $sql . "<br>" . $conn->error;  
}  
$conn->close();
```

C.Parametrizada
.....

```
if ($stmt = $mysqli->prepare("SELECT nombre, ciudad  
FROM Clientes")) { $stmt->execute();  
$stmt->bind_result($nombre, $ciudad);  
while ($stmt->fetch()) { printf("%s %s\n", $nombre,  
$ciudad); }  
$stmt->close(); }
```

Desconexión
.....

```
$conn->close();
```

Object mysqli

Valor Retorno

Retorna **false** en caso de error. Si una consulta del tipo SELECT, SHOW, DESCRIBE o EXPLAIN es exitosa, mysqli_query() retornará un **objeto mysqli_result**. Para otras consultas exitosas de mysqli_query() retornará true.

Bool

Bool

PDO

Instrucción

Conexión
.....

```
$pdo = new  
PDO('mysql:host=localhost;dbname=demo', 'root', '');
```

Verificación
.....

```
try {  
    $gbd = new PDO($dsn, $usuario, $contraseña);  
} catch (PDOException $e) {  
    echo 'Falló la conexión: ' . $e->getMessage();  
}
```

Select
.....

```
$sql = 'SELECT name, color, calories FROM fruit ORDER  
BY name';  
foreach ($conn->query($sql) as $row) {  
    print $row['name'] . "<br>";  
    print $row['color'] . "<br>";  
    print $row['calories'] . "<br>";  
}
```

I/D/U
.....

```
$count = $dbh->exec("DELETE FROM fruit WHERE colour  
= 'red'");  
print("Deleted $count rows.<br>");
```

C.Parametrizada
.....

```
$calorías = 150;  
$color = 'red';  
$gsent = $gbd->prepare("SELECT name, colour, calories  
FROM fruit  
WHERE calories < ? AND colour = ?");  
$gsent->execute(array($calorías, $color));
```

Desconexión
.....

```
unset($this->con); || $this->con = null;
```

Object PDO

Valor Retorno

PDO_Statement

Integer

Bool