

# MySQLi Vs PDO

## Connection avec la base de données

### Requête (MySQLi)

```
$mysqli = new mysqli("localhost", "user", "pass", "dbname");  
if ($mysqli->connect_error) {  
    die("Erreur : " . $mysqli->connect_error);  
}
```

### Requête (PDO)

```
$pdo = new PDO("mysql:host=localhost;dbname=dbname", "user", "pass");  
$pdo->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
```

## Insertion de données (INSERT)

### Requête (MySQLi)

```
$stmt = $mysqli->prepare("INSERT INTO users (name, email) VALUES (?, ?)");  
$stmt->bind_param("ss", $name, $email);  
$stmt->execute();
```

### Requête (PDO)

```
$stmt = $pdo->prepare("INSERT INTO users (name, email) VALUES (:name, :email)");  
$stmt->execute(['name' => $name, 'email' => $email]);
```

## Sélectionner toutes les lignes

### Requête (MySQLi)

```
$result = $mysqli->query("SELECT * FROM users");  
while($row = $result->fetch_assoc()) { echo $row['name']; }
```

### Requête (PDO)

```
$stmt = $pdo->query("SELECT * FROM users");  
while($row = $stmt->fetch(PDO::FETCH_ASSOC)) { echo $row['name']; }
```

## Sélection d'un utilisateur par ID

### Requête (MySQLi)

```
$stmt = $mysqli->prepare("SELECT * FROM users WHERE id = ?");  
$stmt->bind_param("i", $id);
```

```
$stmt->execute();  
$result = $stmt->get_result();  
$user = $result->fetch_assoc();
```

### Requête (PDO)

```
$stmt = $pdo->prepare("SELECT * FROM users WHERE id = :id");  
$stmt->execute(['id' => $id]);  
$user = $stmt->fetch(PDO::FETCH_ASSOC);
```

## Mise à jour de données (UPDATE)

### Requête (MySQLi)

```
$stmt = $mysqli->prepare("UPDATE users SET name = ?, email = ? WHERE id = ?");  
$stmt->bind_param("ssi", $name, $email, $id);  
$stmt->execute();
```

### Requête (PDO)

```
$stmt = $pdo->prepare("UPDATE users SET name = :name, email = :email WHERE id = :id");  
$stmt->execute(['name' => $name, 'email' => $email, 'id' => $id]);
```

## Supprimer des données

### Requête (MySQLi)

```
$stmt = $mysqli->prepare("DELETE FROM users WHERE id = ?");  
$stmt->bind_param("i", $id);  
$stmt->execute();
```

### Requête (PDO)

```
$stmt = $pdo->prepare("DELETE FROM users WHERE id = :id");  
$stmt->execute(['id' => $id]);
```