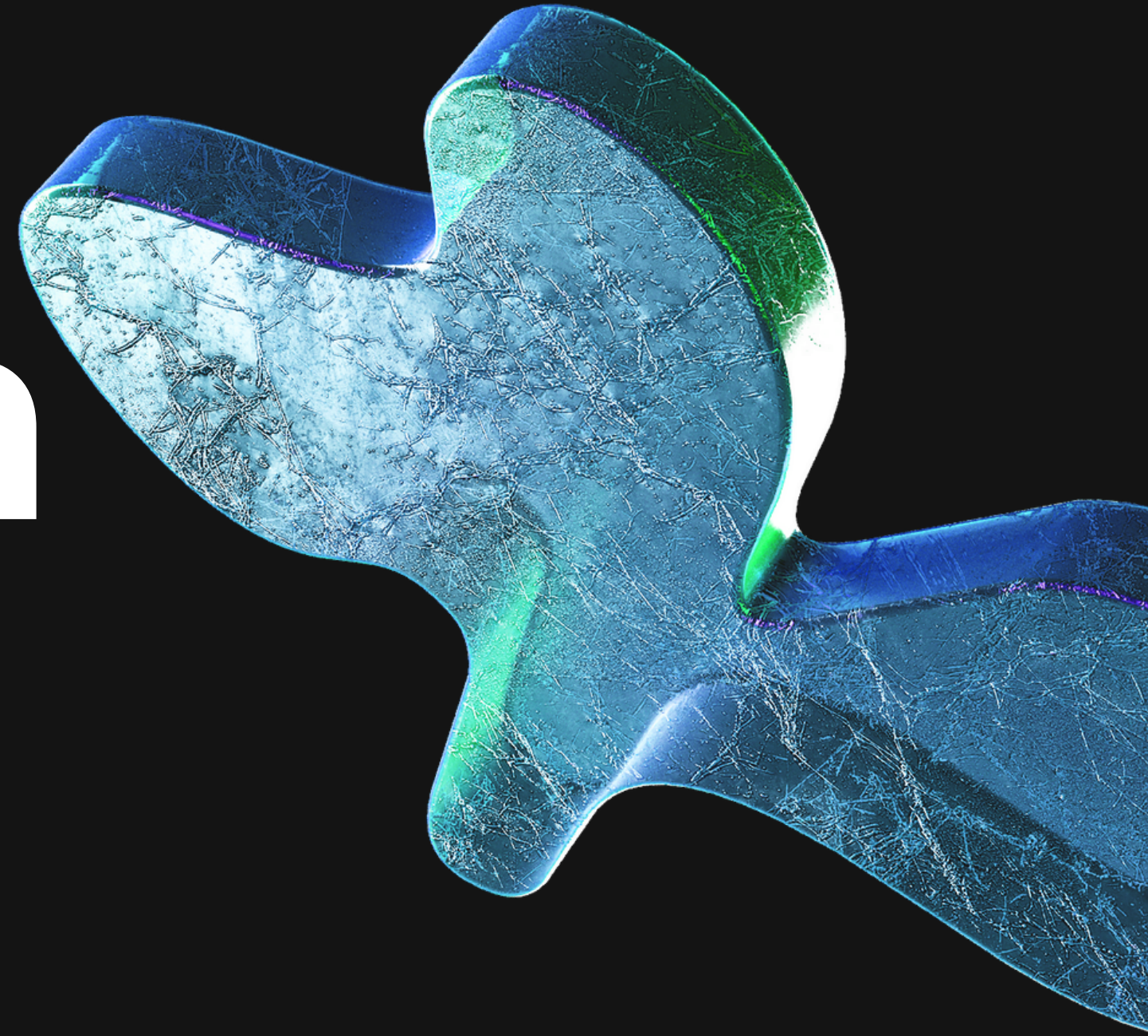
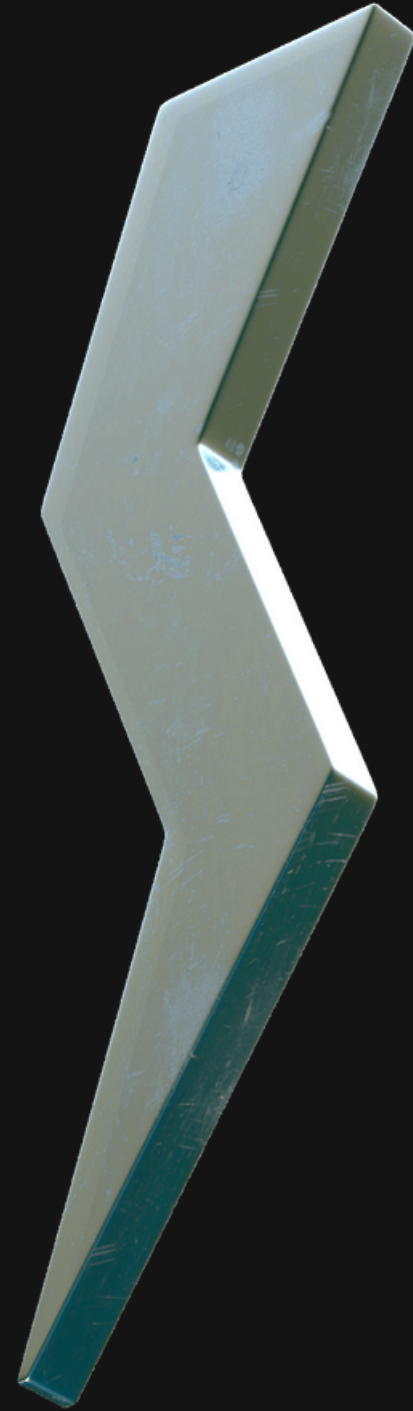


# Presentation

## PDO



# Plan



Définition du PDO

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La connexion à la BD

---

L'insertion des données à la BD

---

Recupération des données

---

Création du tableau et importation des données

---

Suppression et Modification des données



# C'est quoi PDO?

## PDO (PHP DATA OBJECT)

Les objets de données PHP (PDO) définissent une interface légère pour accéder aux bases de données en PHP. Il permet de créer un code utilisable par tout, sécurisé et qui travail avec 12 bases de données différentes.

# Connexion à la BD



```
1  <?php
2
3
4  try {
5      $username = "root";
6      $password = "root";
7
8      $db = new PDO("mysql:host=localhost:3306;dbname=User", $username, $password);
9  } catch (PDOException $e) {
10     echo $e->getMessage();
11 }
12
```





```
1  <?php
2  session_start();
3
4
5  try {
6      include_once " ../db/db_connection.php";
7
8      $username = $_POST['username'];
9      $email = $_POST['user_mail'];
10
11     $sql = "INSERT INTO client VALUES(NULL,?,?)";
12     $stmt = $db->prepare($sql);
13
14     $stmt->bindValue(1,$username, PDO::PARAM_STR);
15     $stmt->bindValue(2,$email, PDO::PARAM_STR);
16
17
18     $stmt->execute();
19     if ($stmt) {
20         $_SESSION['done'] = "user added";
21         header('Location: ../pages/clientInfo.php');
22     }
23 } catch (PDOException $e) {
24     echo $sql . "<br>" . $e->getMessage();
25 }
26
```

# Insertion des données

# Recupération des données



```
1  <?php
2      include_once ' ../db/db_connection.php';
3
4      $sql = "SELECT * FROM client";
5      $stmt = $db->prepare($sql);
6      $stmt->execute();
7
8      $result = $stmt->fetchAll(PDO::FETCH_ASSOC);
9  ?>
```



```
1  <?php
2      session_start();
3      include_once "../db/db_connection.php";
4
5      $email = $_POST['admin_mail'];
6      $pass = $_POST['admin_pass'];
7
8
9      $sql = "SELECT * FROM admin";
10     $stmt = $db->prepare($sql);
11     $stmt->execute();
12
13     $result = $stmt->fetchAll(PDO::FETCH_ASSOC);
14
15     foreach($result as $row) {
16         if($email == $row['admin_mail'] && $pass == $row['admin_pass']) {
17             $_SESSION['name'] = $row['admin_name'];
18             header('Location: ../pages/clientInfo.php');
19         }
20     }
21     ?>
```

# Login Script

# Création du tableau et importation des données

```
1  <table id="customers">
2      <tr>
3          <th>Id</th>
4          <th>username</th>
5          <th>email</th>
6          <th>Modifier</th>
7          <th>Supprimer</th>
8      </tr>
9      <tr>
10         <?php
11             if ($rows) {
12                 foreach ($rows as $row) {
13                     ?>
14                 <tr>
15                     <td><?= $row['client_id'] ?></td>
16                     <td><?= $row['client_name'] ?></td>
17                     <td><?= $row['client_mail'] ?></td>
18                     <td>
19                         <a href="updateForm.php?client_id=<?= $row['client_id'] ?>&client_name=<?= $row['client_name'] ?>&client_mail=<?= $row['client_mail'] ?>">
20                             Modifier
21                         </a>
22                     </td>
23                     <td><a href=" ../Controllers/del.php?client_id=<?= $row['client_id'] ?>">Supprimer</a></td>
24                 </tr>
25             <?php
26                 }
27             } else {
28                 ?>
29                 <td colspan="5">No data was found</td>
30             <?php
31                 }
32             ?>
33         </tr>
34     </table>
```



# Suppression des données



```
1  <?php
2      include_once " ../db/db_connection.php";
3      $id = $_GET['client_id'];
4
5      $sql = "DELETE FROM client WHERE client_id=?";
6      $stmt = $db->prepare($sql);
7
8      $stmt->bindValue(1, $id, PDO::PARAM_INT);
9
10     $stmt->execute();
11     header('Location: ../pages/clientInfo.php');
12  ?>
```

# Modification des données

```
1  <?php
2  session_start();
3  include_once "../db/db_connection.php";
4  $id = $_GET['client_id'];
5  $username = $_GET['client_name'];
6  $email = $_GET['client_mail'];
7
8
9  try {
10     $sql = "UPDATE client SET client_name=?, client_mail=? WHERE client_id=?";
11     $stmt = $db->prepare($sql);
12
13     $stmt->bindValue(1, $username, PDO::PARAM_STR);
14     $stmt->bindValue(2, $email, PDO::PARAM_STR);
15     $stmt->bindValue(3, $id, PDO::PARAM_INT);
16
17     $stmt->execute();
18     header("Location: ../pages/clientInfo.php");
19     $_SESSION['updated'] = "Record Updated";
20 } catch (PDOException $e) {
21     echo $e->getMessage();
22 }
23
```