

MySQL and PHP

Hardcore backend

ITI-F20

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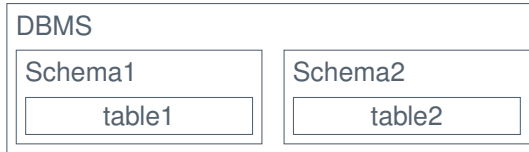
Agenda



- ▶ Structure
- ▶ Syntax
- ▶ PDO

Structure

Database or Schema, who knows?



MySQL Syntax

EVERYTHINGS IS IN CAPS!



```
1 drop database if exists dbName;
2 create database dbName;
3 use dbName;
4
5 CREATE TABLE user (
6     user_id INT UNSIGNED PRIMARY KEY AUTO_INCREMENT,
7     username varchar(100) NOT NULL,
8     password varchar(100) NOT NULL
9 );
```

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1 SELECT username FROM user WHERE user_id=1;
```

PDO

One statement to rule them all



```
1  <?php
2  try {
3      require 'config.php';
4      $conn = new PDO("mysql:host=$servername;dbname=$dbname",
5      $username,
6      $password,
7      array(PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION));
8  } catch (PDOException $e) {
9      echo "Error: " . $e->getMessage();
10 }
```

PDO

One statement to rule them all



```
1  <?php
2  $stmt = $conn->prepare("SELECT * FROM user WHERE username = :username");
3  $stmt->bindParam(':username', $sane_user);
4  $stmt->execute();
5  $result = $stmt->fetchAll();
```