Configuració de **PHP** amb el servidor http **Apache24**

Incloure PHP com a mòdul a C:\Apache24\conf\httpd.conf (al final del fitxer)

|  |
| --- |
| # Suposant que PHP està insta·la a ***C:/prgs/php-8.4.5***  # respectar els espais en blanc  LoadModule php\_module "C:/prgs/php-8.4.5/php8apache2\_4.dll"  AddType application/x-httpd-php .php .html  AddHandler application/x-httpd-php .php  PHPIniDir "C:/prgs/php-8.4.5"  DirectoryIndex index.php |

A ***C:\prgs\php-8.4.5*** crear ***php.ini*** copiant-lo de ***php.ini-development***

i editant les linies:

|  |
| --- |
| ;extension=mysqli -----editat i comentat !!!!!  extension=C:/prgs/php-8.4.5/ext/php\_mysqli.dll |

|  |
| --- |
| ;extension=pdo\_mysql -----editat i comentat !!!!!  extension=C:/prgs/php-8.4.5/ext/php\_pdo\_mysql.dll |

Cal tenir ***C:/prgs/php-8.4.5*** inclos al PATH

LINKS IMPORTANTS

|  |  |
| --- | --- |
| Installation and Configuration | <https://www.php.net/manual/en/install.php> |
| Clases y objetos PHP | <https://www.php.net/manual/es/language.oop5.php> |
| PHP Data Objects (PDO) | <https://www.php.net/manual/en/book.pdo.php> |
| **PHP and PDO Database Connection | Creating Reusable Database Class** | <https://www.youtube.com/watch?v=QfSX6-my164&ab_channel=DigitalFox> |
|  |  |
|  |  |
| BOOTSTRAP | <https://getbootstrap.com/> |
| BOOTSTRAP starters CDN  Després mirar index.html | <https://getbootstrap.com/docs/5.3/examples/> |
|  |  |

[How do we create an object from a class in PHP?](https://eitca.org/web-development/eitc-wd-pmsf-php-and-mysql-fundamentals/classes-and-objectes-in-php/classes-and-objects-part-1/examination-review-classes-and-objects-part-1/how-do-we-create-an-object-from-a-class-in-php/)

[**PART 1 - CREATING A CRUD APPLICATION USING MARIADB AND PHP DATA OBJECTS (PDO)**](https://www.youtube.com/watch?v=IcQdeghJHis&ab_channel=CodePH)

Yes, it is possible to insert a row into a **MariaDB SQL view**, but only under certain conditions. The view must be **updatable**, which means it must meet specific criteria.

**✅ Conditions for an Updatable View**

1. The view **must reference a single base table** (not multiple tables or joins).
2. The view **must not** use:
   * DISTINCT
   * GROUP BY
   * HAVING
   * UNION or UNION ALL
   * Aggregate functions (SUM(), AVG(), etc.)
   * LIMIT
   * OFFSET
3. The view must include **all NOT NULL columns** from the base table unless they have default values.
4. If the view uses WITH CHECK OPTION, the inserted row must satisfy the view's conditions.

**🔹 Example of an Updatable View**

Let's say we have a table:

CREATE TABLE employees (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(100) NOT NULL,

department VARCHAR(50) NOT NULL,

salary DECIMAL(10,2) NOT NULL

);

We create a simple updatable view:

CREATE VIEW sales\_employees AS

SELECT id, name, salary FROM employees WHERE department = 'Sales';

Now we can insert data into the view:

INSERT INTO sales\_employees (name, salary) VALUES ('Alice', 50000);

However, this will **fail** because department is missing. A workaround is using **triggers** or an **INSTEAD OF INSERT** trigger.

**🔹 Using Triggers for Inserts**

If the view is not directly insertable, you can use a trigger:

CREATE TRIGGER before\_insert\_sales

INSTEAD OF INSERT ON sales\_employees

FOR EACH ROW

INSERT INTO employees (name, department, salary) VALUES (NEW.name, 'Sales', NEW.salary);

Now, inserting into sales\_employees will correctly add a row to employees.

Would you like help debugging a specific view? 🚀