

# Web Development II



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# MySQL & PHPMyAdmin

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- What is it?
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## MySQL: What is it?

- MySQL is an open source Data base management system.
- It is the first choice for web development with PHP because its speed, easy-to-use, reliability and low price.
- LAMP (Linux, Apache, MySQL, PHP) includes it. Actually LAMP is the first choice for Open Source Web Development as alternative of High cost Licensed Software.
- <http://en.wikipedia.org/wiki/MySQL>

## MySQL: Downloading

- <http://www.mysql.com>, step by step:
  - Downloads, mysql community server, windows, choose essentials or ZIP, pick a mirror and register.
- Additional software:
  - <http://dev.mysql.com/downloads/gui-tools/5.0.html>, GUI tools.
  - <http://www.phpmyadmin.net>, PHPMyAdmin
  - XAMPP

## MySQL: Installing

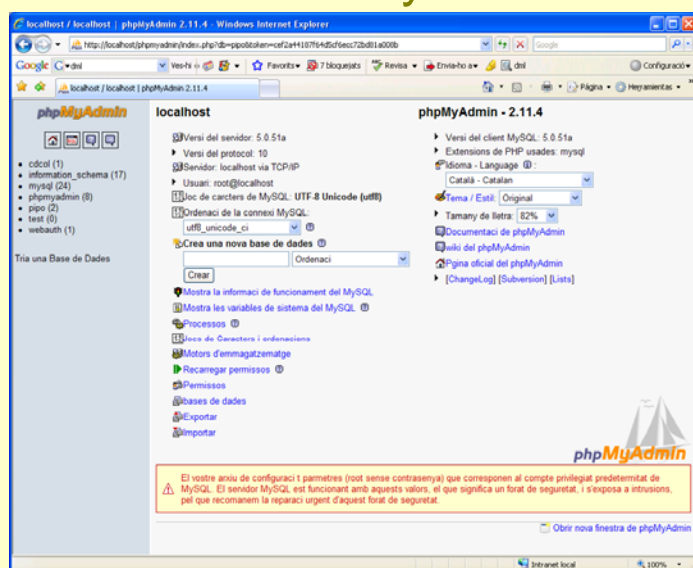
- In order to install MySQL Server on Windows (standalone, without XAMPP) you must follow these steps:
  - Choose type of installation and which components you want to install.
  - After software installation, you must configure the DB server instance. You can do it following a config wizard.
    - At the beginning you can choose Manual or standard configuration.

## Administration: PHPMyAdmin

- How to install: unzip the package and put the files in a web server public folder.
- You can configure the application accessing to:
  - `http://serverfolder/phpmyadmin/scripts/setup.php`
- What to configure:
  - Server: manage servers
  - Layout: navigation and visual presentation
  - Features: manage phpMyAdmin and tools.
  - Configuration: manage current configuration

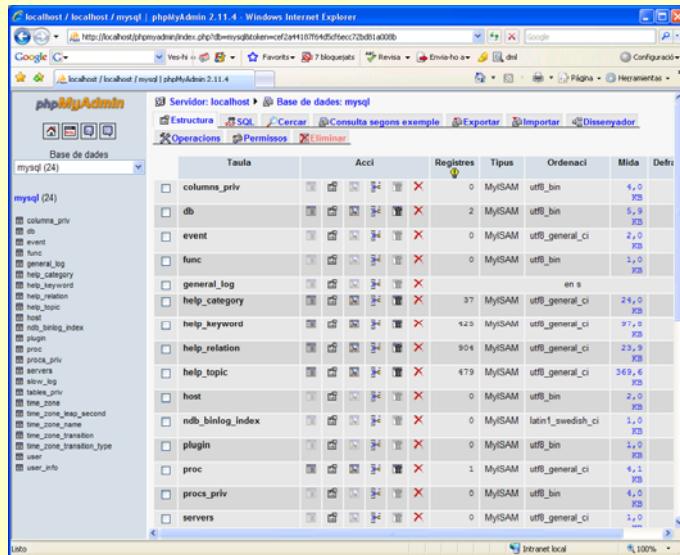
## Administration: PHPMyAdmin

- PHPMyAdmin Initial screen with:
- SW Configuration info
- DB Server Data
- Client information
- Access to create or select a DB.



## Administration: PHPMyAdmin

- Schema managing menu:
- You can work with every table.
- You can manage table structure and relationships.
- User permissions.
- Data import and export.



## Administration: PHPMyAdmin

- Executing SQL queries popup window.
- Allows to save every sentence.
- You can load a query from an external file
- There is a log of executed queries.

